

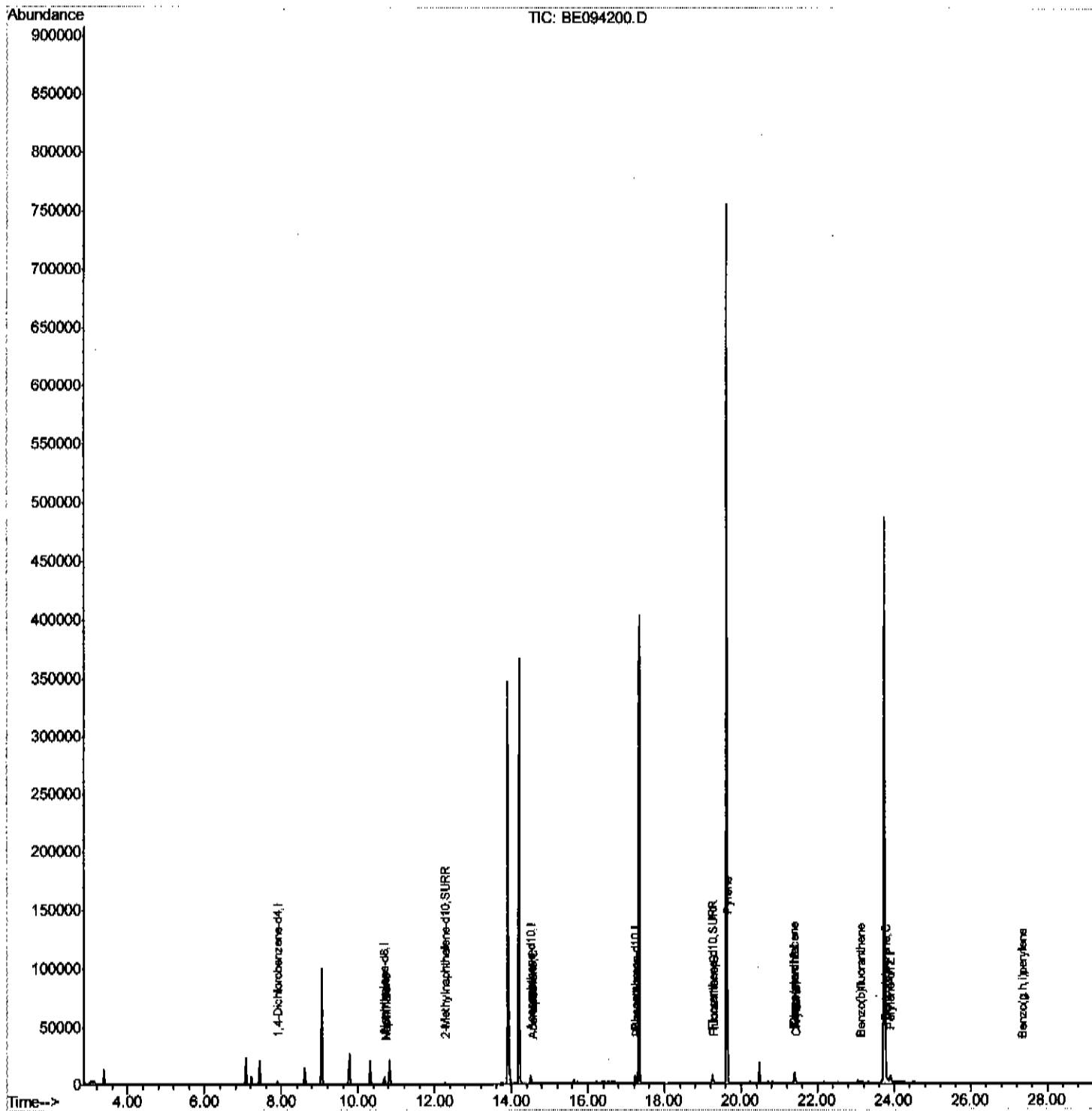
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
Data File : BE094200.D
Acq On : 7 Oct 2017 13:33
Operator : SJ/JU
Sample : I5735-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
B0AE2

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:50 PM

Quant Time: Oct 08 03:04:19 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 01:38:22 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

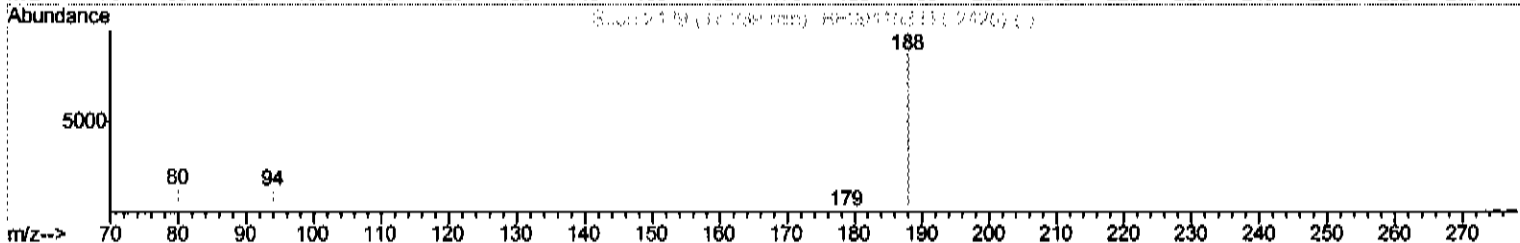
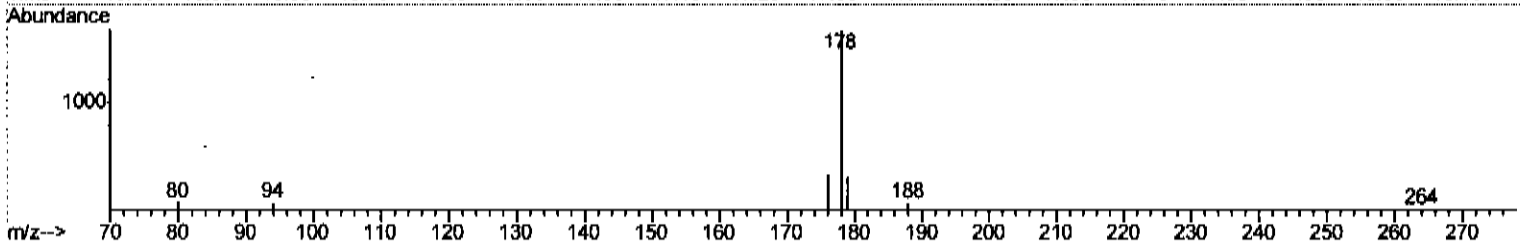
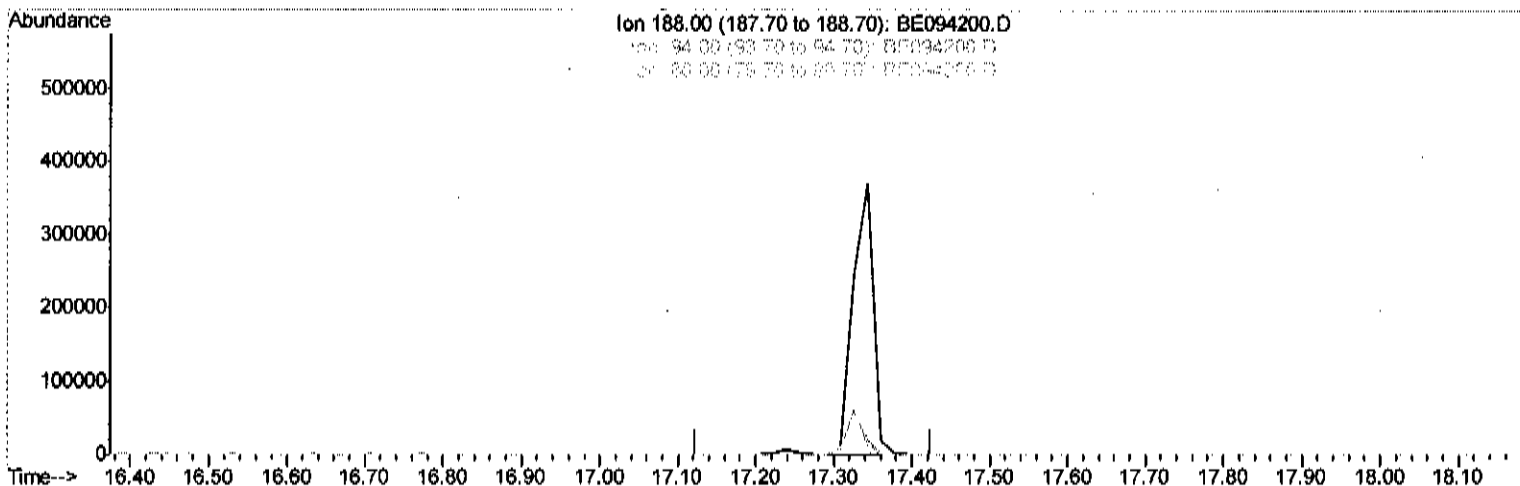
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094200.D
 Acq On : 7 Oct 2017 13:33
 Operator : SJ/JU
 Sample : I5735-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AE2

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:50 PM

Quant Time: Oct 08 03:00:03 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



TIC: BE094200.D

(10) Phenanthrene-d10 (I)
 17.274min (-17.274) 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

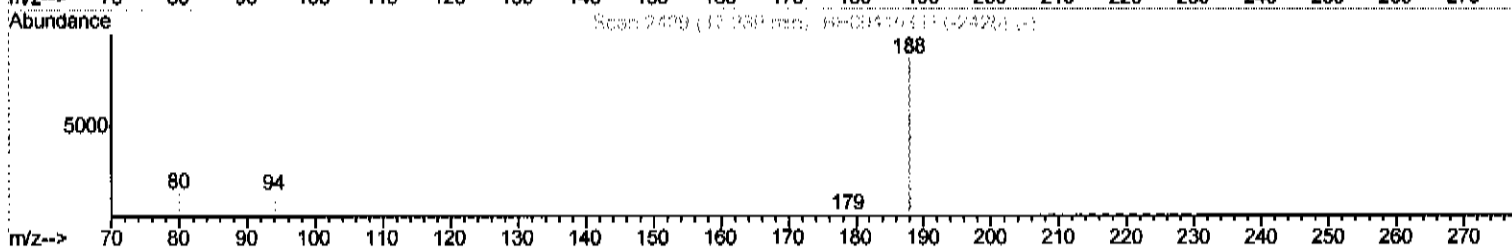
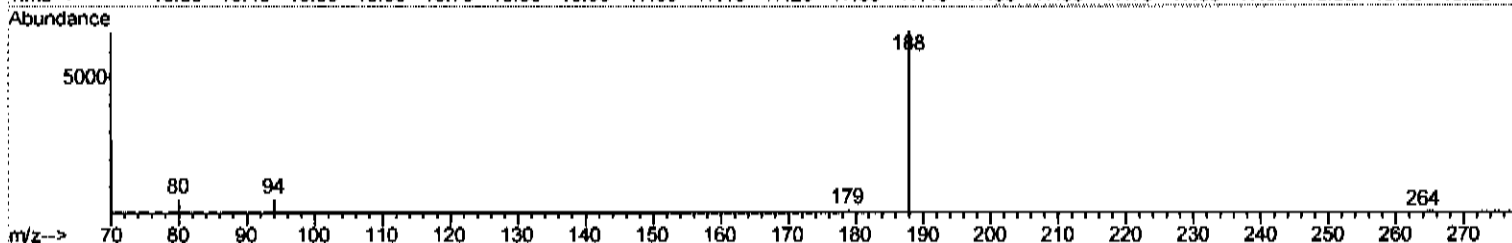
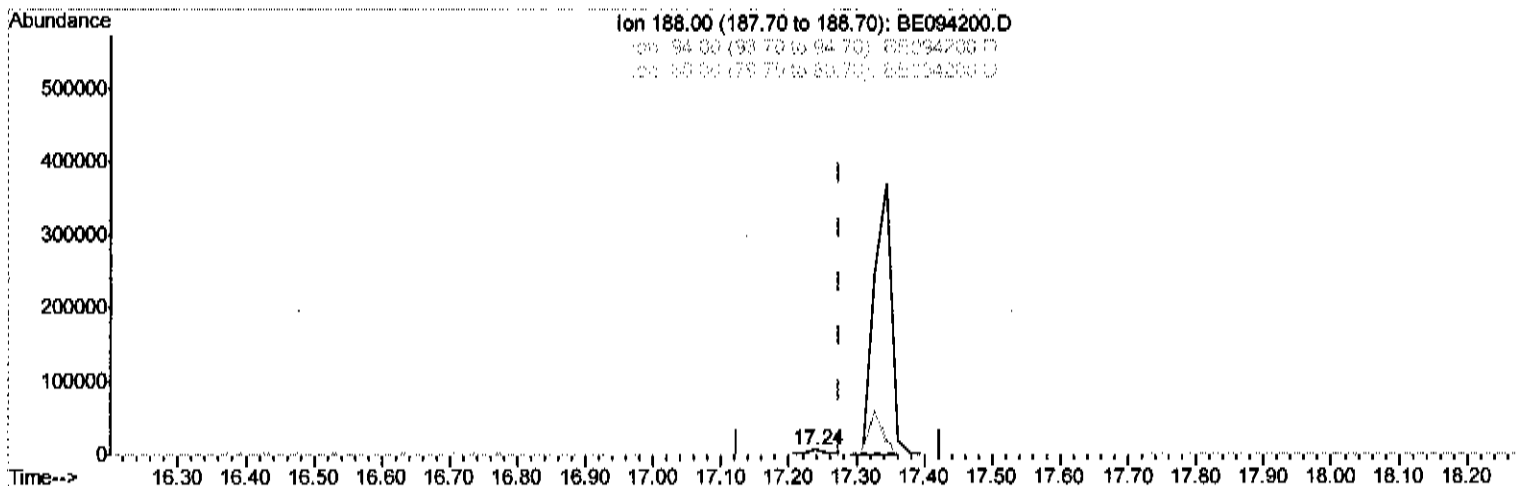
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
Data File : BE094200.D
Acq On : 7 Oct 2017 13:33
Operator : SJ/JU
Sample : I5735-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AE2

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:50 PM

Quant Time: Oct 08 03:00:03 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 01:38:22 2017
Response via : Initial Calibration



TIC: BE094200.D

(10) Phenanthrene-d10 (I)

17.240min (-0.034) 0.40ng/ul m

response 9872

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.50#
80.00	11.80	8.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

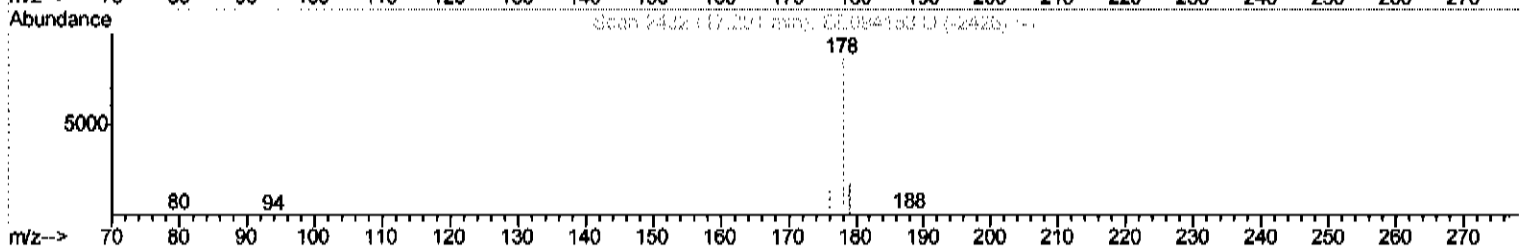
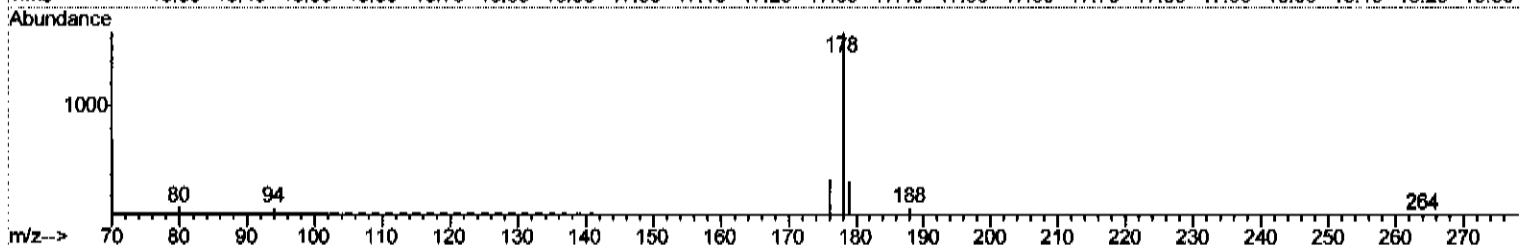
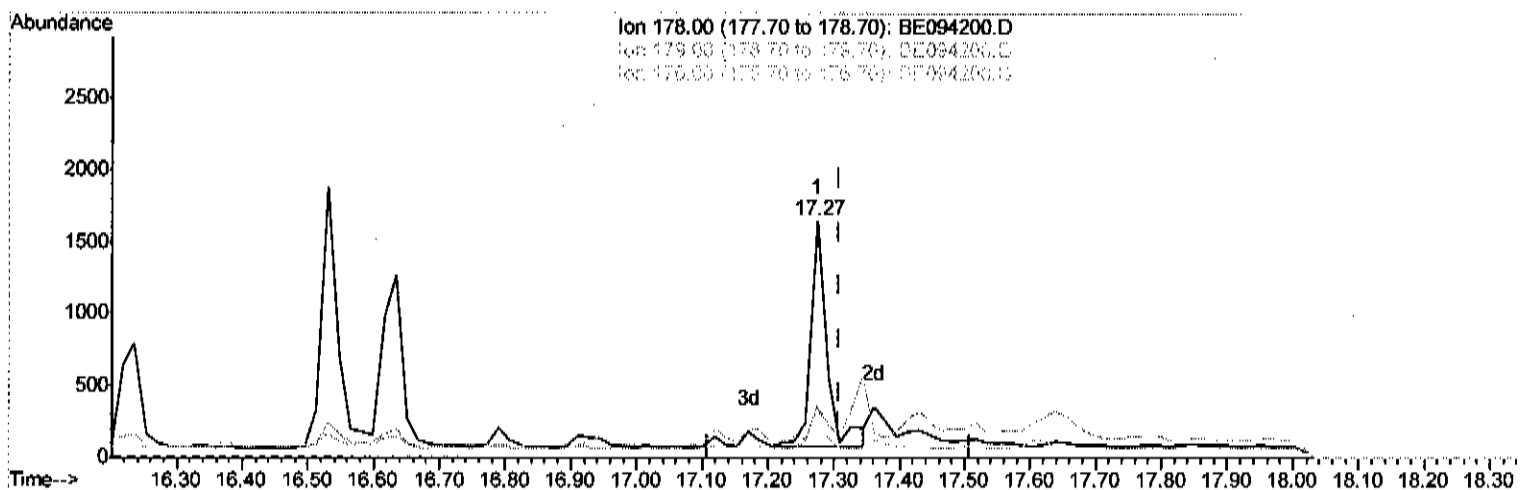
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094200.D
 Acq On : 7 Oct 2017 13:33
 Operator : SJ/JU
 Sample : I5735-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AE2

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:50 PM

Quant Time: Oct 08 03:01:01 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



TIC: BE094200.D

(12) Phenanthrene

17.274min (-0.034) 0.10ng/ul

response 2654

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	20.93
176.00	17.00	21.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

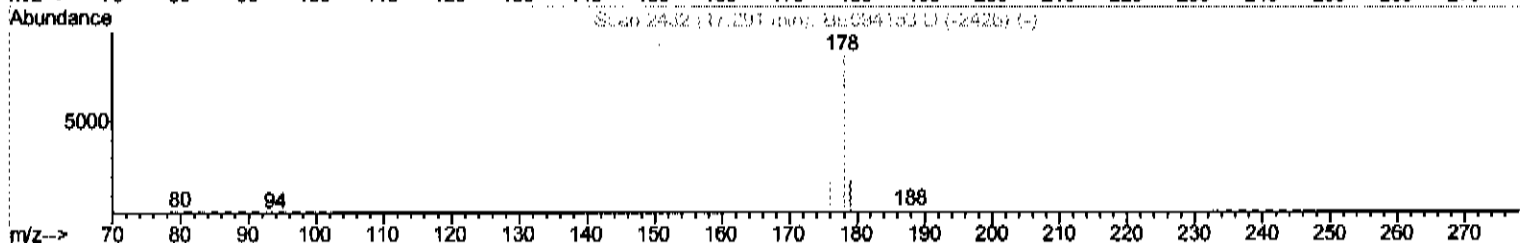
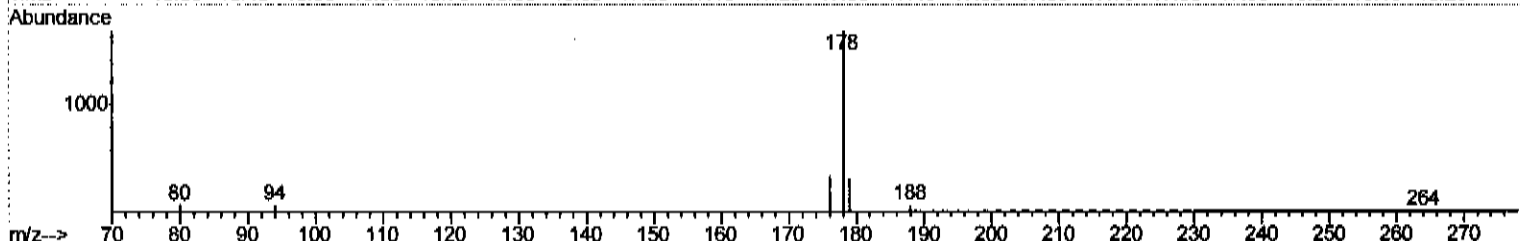
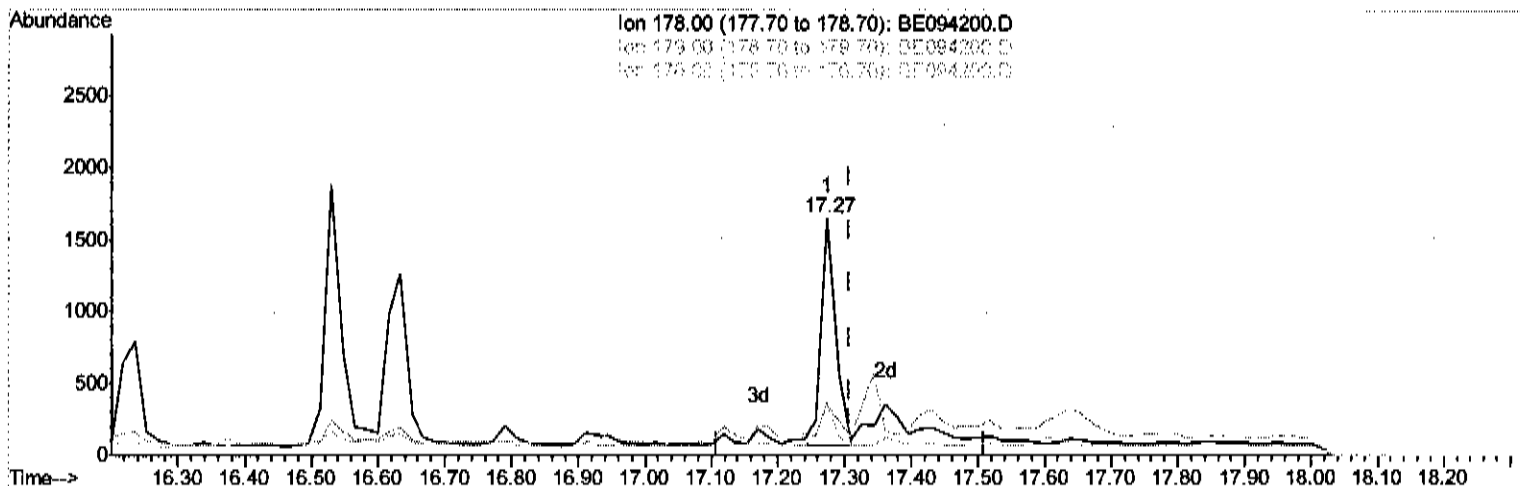
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094200.D
 Acq On : 7 Oct 2017 13:33
 Operator : SJ/JU
 Sample : I5735-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AE2

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:50 PM

Quant Time: Oct 08 03:01:01 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



TIC: BE094200.D

(12) Phenanthrene

17.274min (-0.034) 0.09ng/ul m *ju 10/9/17*

response 2450

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	20.93
176.00	17.00	21.96%
0.00	0.00	0.00

Quantitation Report (Qedit)

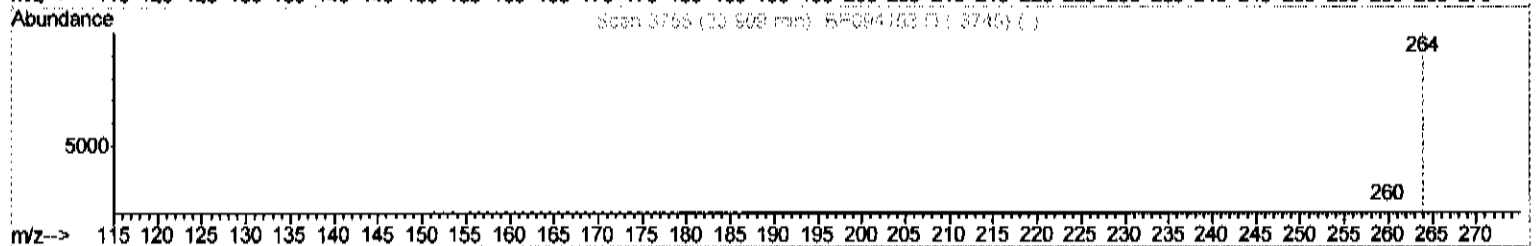
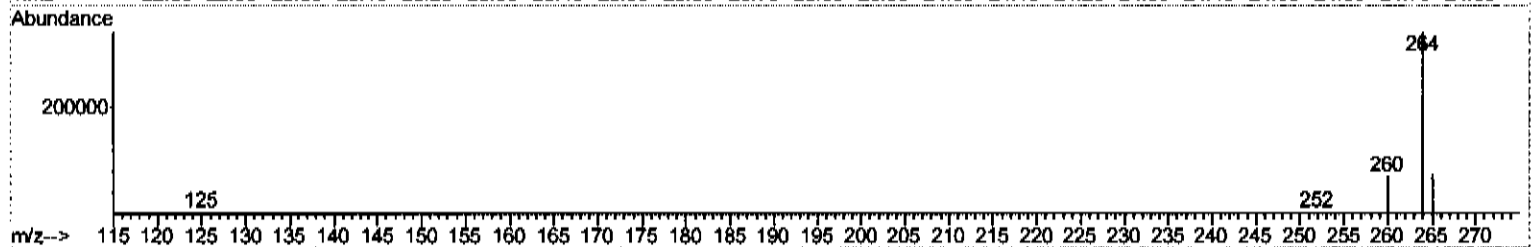
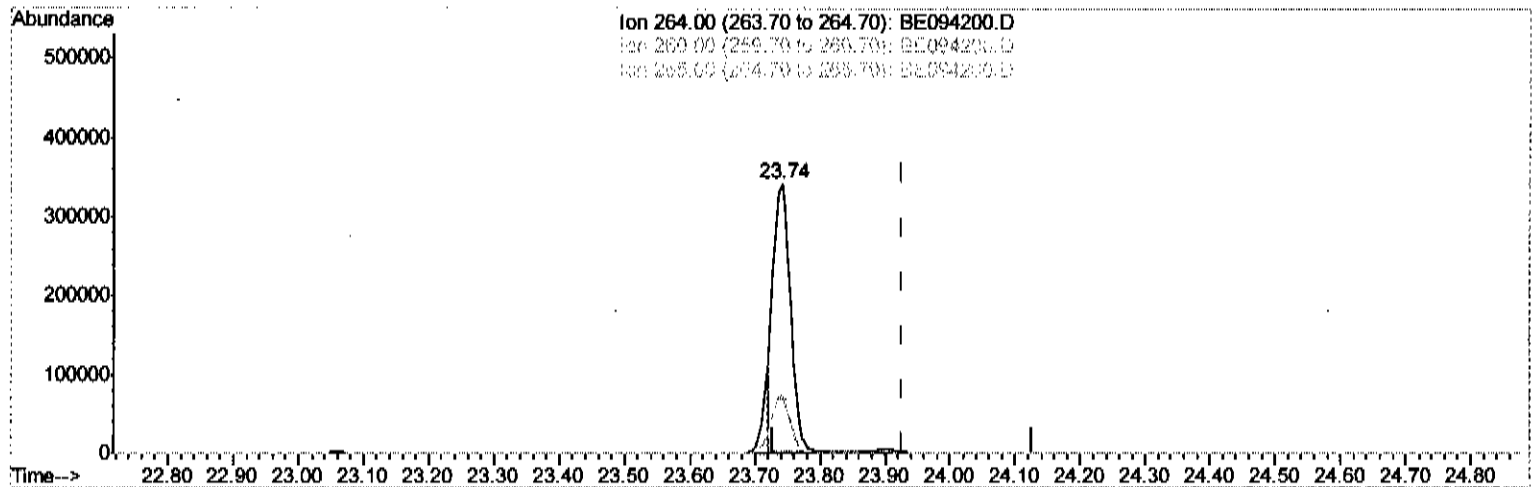
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094200.D
 Acq On : 7 Oct 2017 13:33
 Operator : SJ/JU
 Sample : I5735-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE2

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:50 PM

Quant Time: Oct 08 03:01:01 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BE094200.D

(20) Perylene-d12 (I)

23.741min (-0.186) 0.40ng/ul

response 646025

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.51#
265.00	103.50	21.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

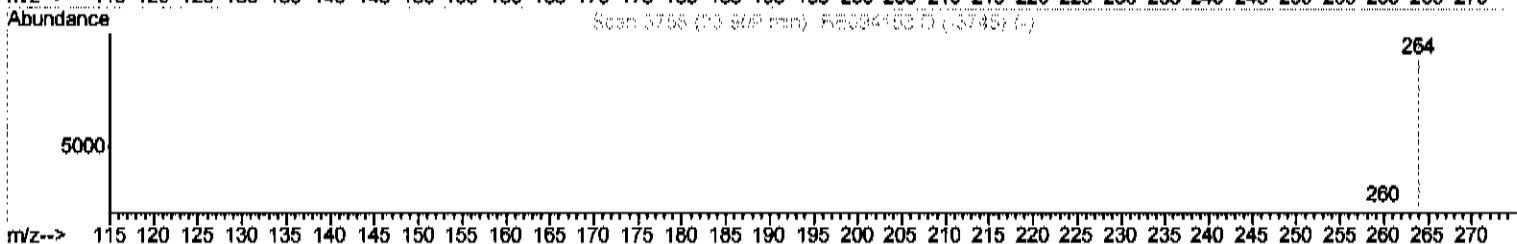
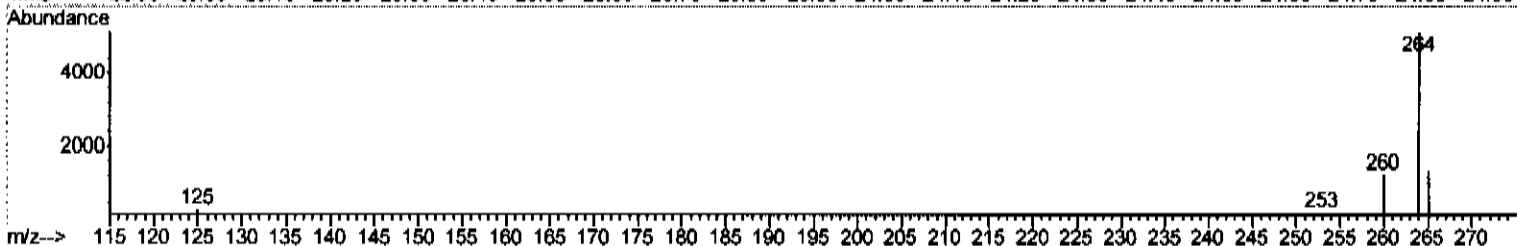
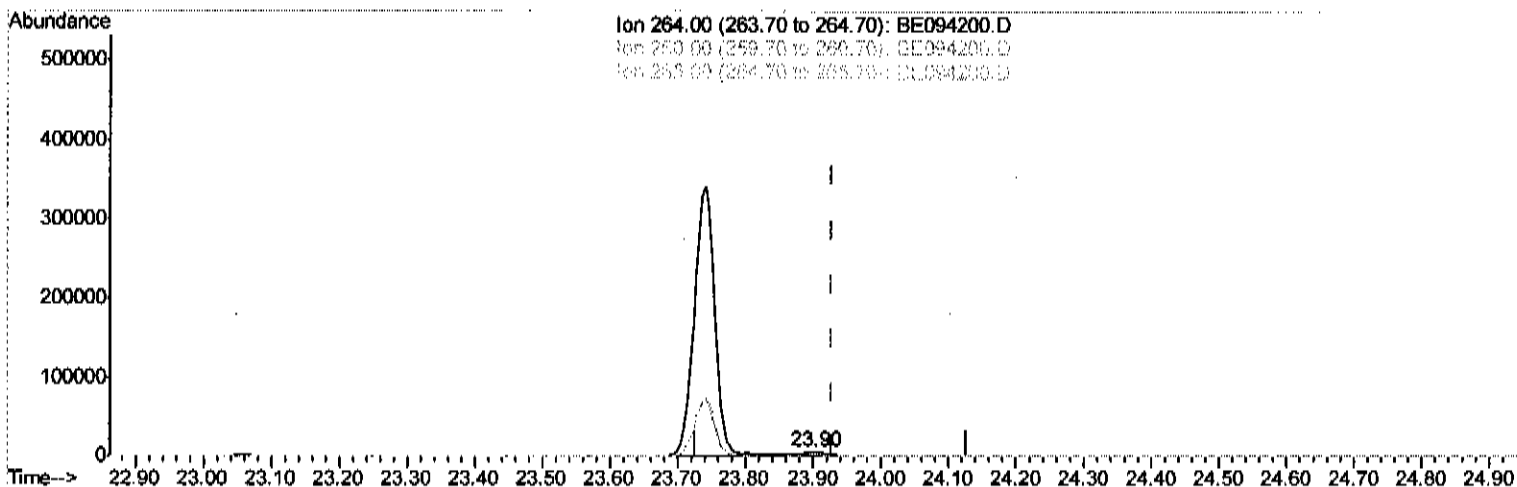
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094200.D
 Acq On : 7 Oct 2017 13:33
 Operator : SJ/JU
 Sample : I5735-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE2

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:50 PM

Quant Time: Oct 08 03:01:01 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
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TIC: BE094200.D

(20) Perylene-d12 (I)

23.901min (-0.026) 0.40ng/ul m

SJ 10/9/17

response 8661

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.46
265.00	103.50	26.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

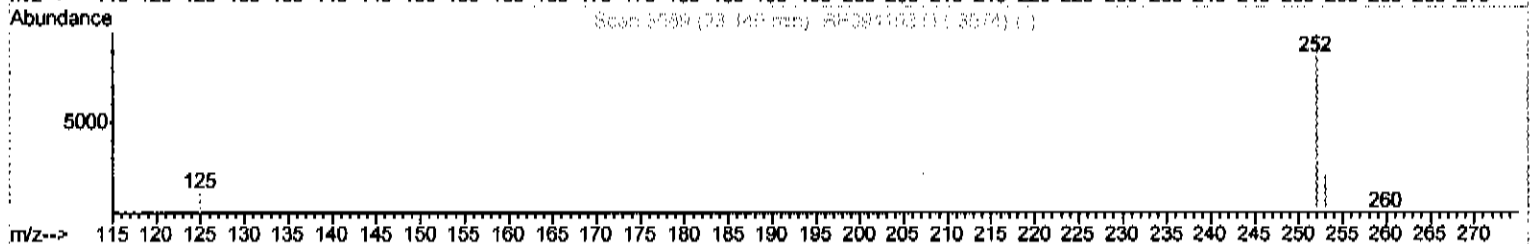
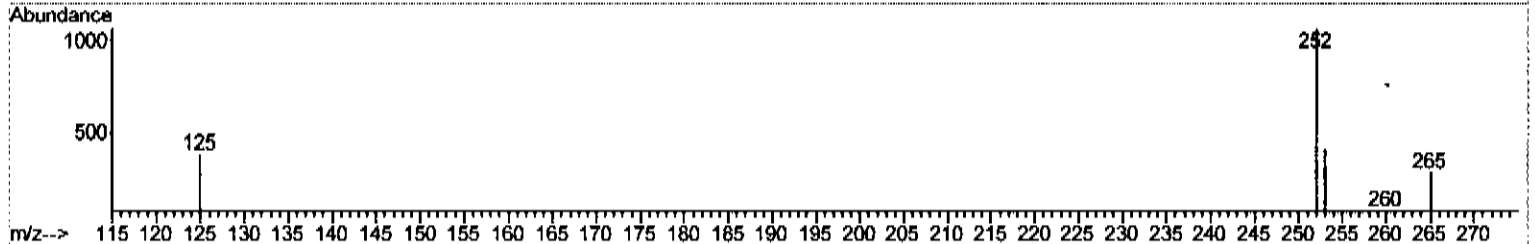
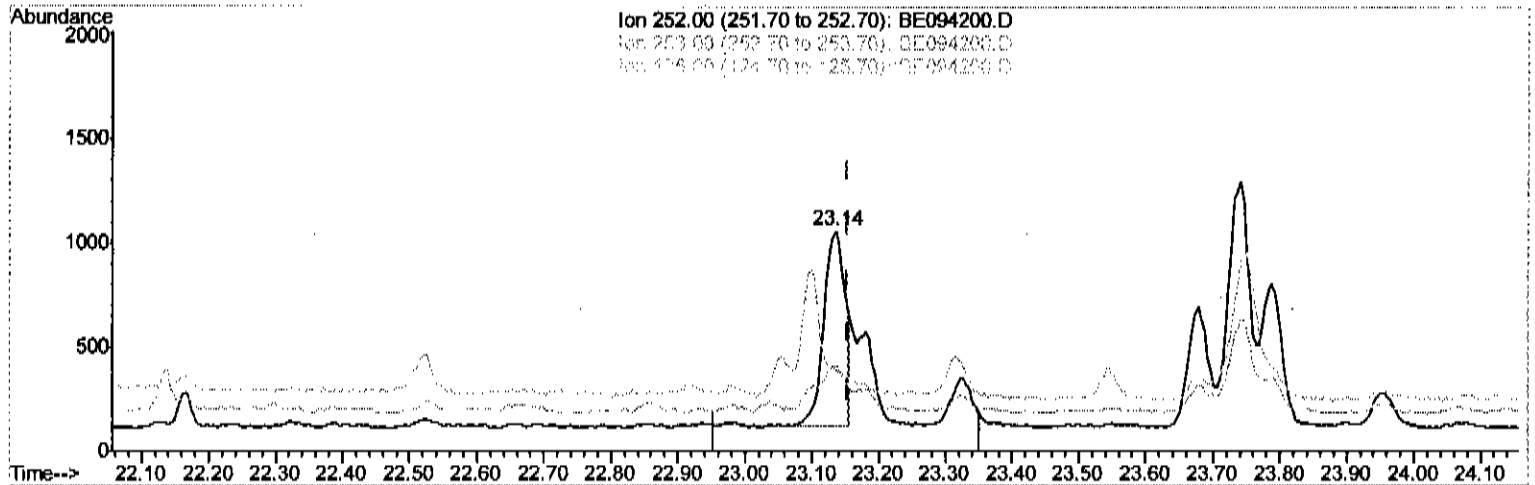
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094200.D
 Acq On : 7 Oct 2017 13:33
 Operator : SJ/JU
 Sample : I5735-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE2

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:50 PM

Quant Time: Oct 08 03:02:10 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



TIC: BE094200.D

(21) Benzo(b)fluoranthene

23.136min (-0.017) 0.09ng/ul

response 2057

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	39.11
125.00	17.50	36.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

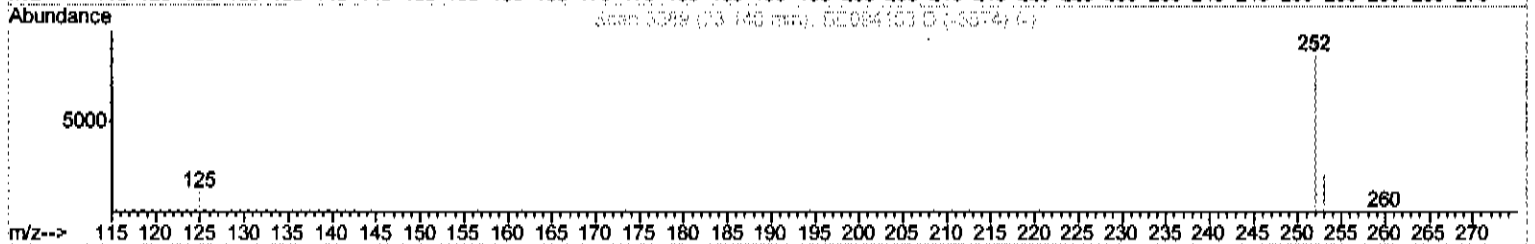
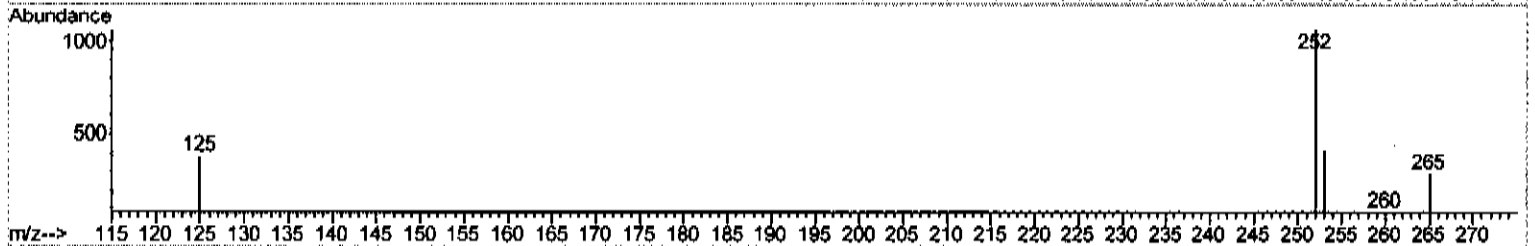
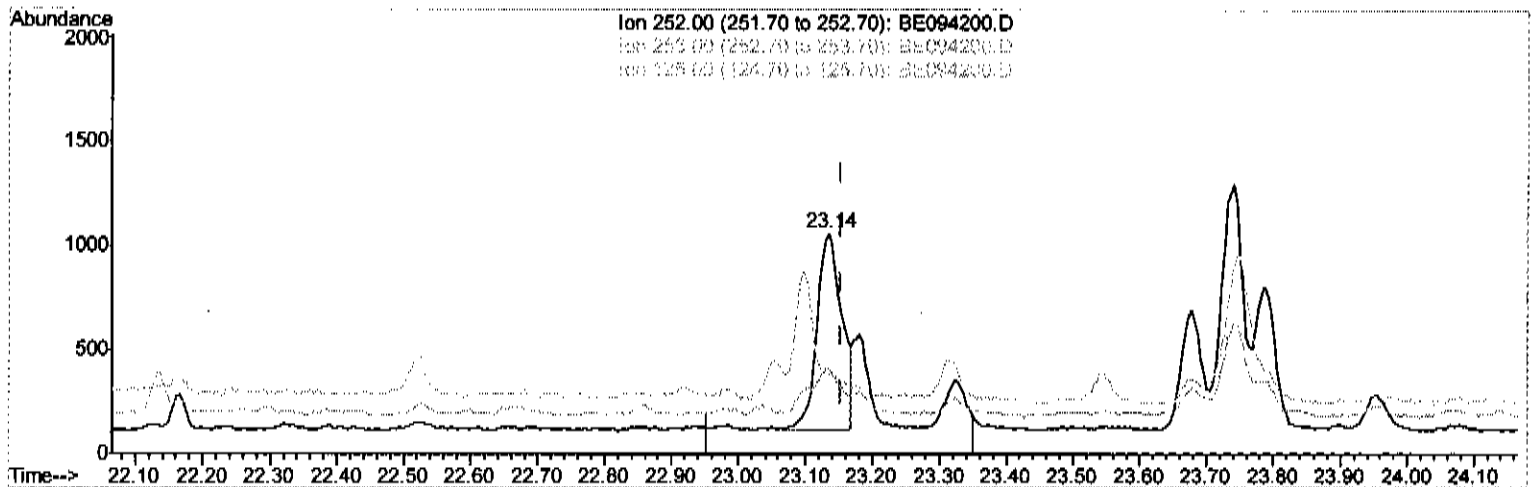
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094200.D
 Acq On : 7 Oct 2017 13:33
 Operator : SJ/JU
 Sample : I5735-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AE2

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:50 PM

Quant Time: Oct 08 03:02:10 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



TIC: BE094200.D

(21) Benzo(b)fluoranthene

23.136min (-0.017) 0.10ng/ul m

ju 10/9/17

response 2421

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	39.11
125.00	17.50	36.00#
0.00	0.00	0.00

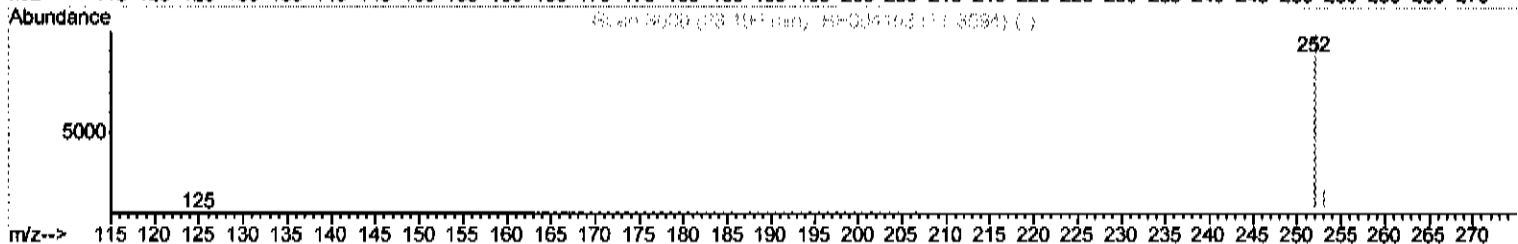
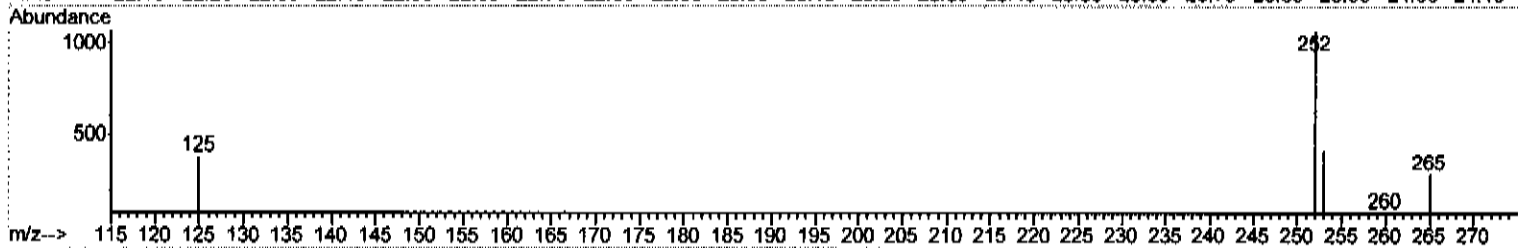
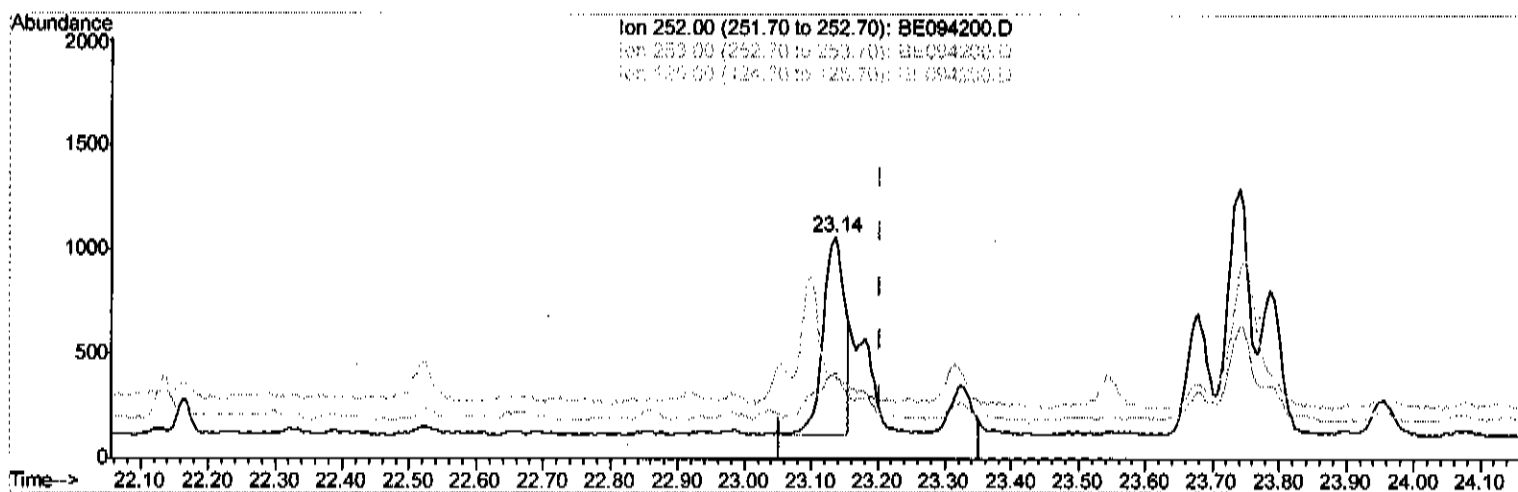
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
Data File : BE094200.D
Acq On : 7 Oct 2017 13:33
Operator : SJ/JU
Sample : I5735-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
B0AE2

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:50 PM

Quant Time: Oct 08 03:02:10 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 01:38:22 2017
Response via : Initial Calibration



TIC: BE094200.D

(22) Benzo(k)fluoranthene

23.136min (-0.067) 0.08ng/ul

response 2057

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	39.11#
125.00	17.10	36.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

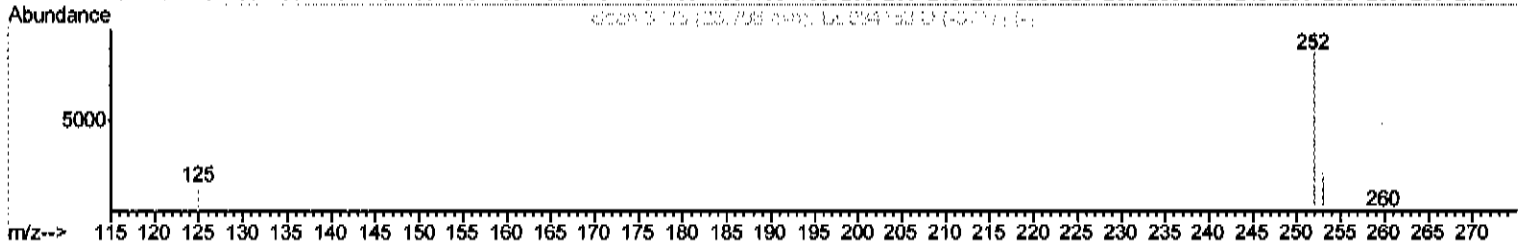
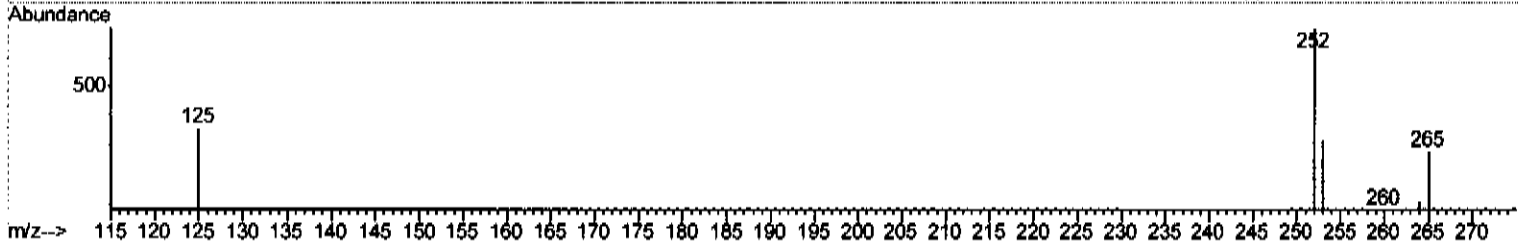
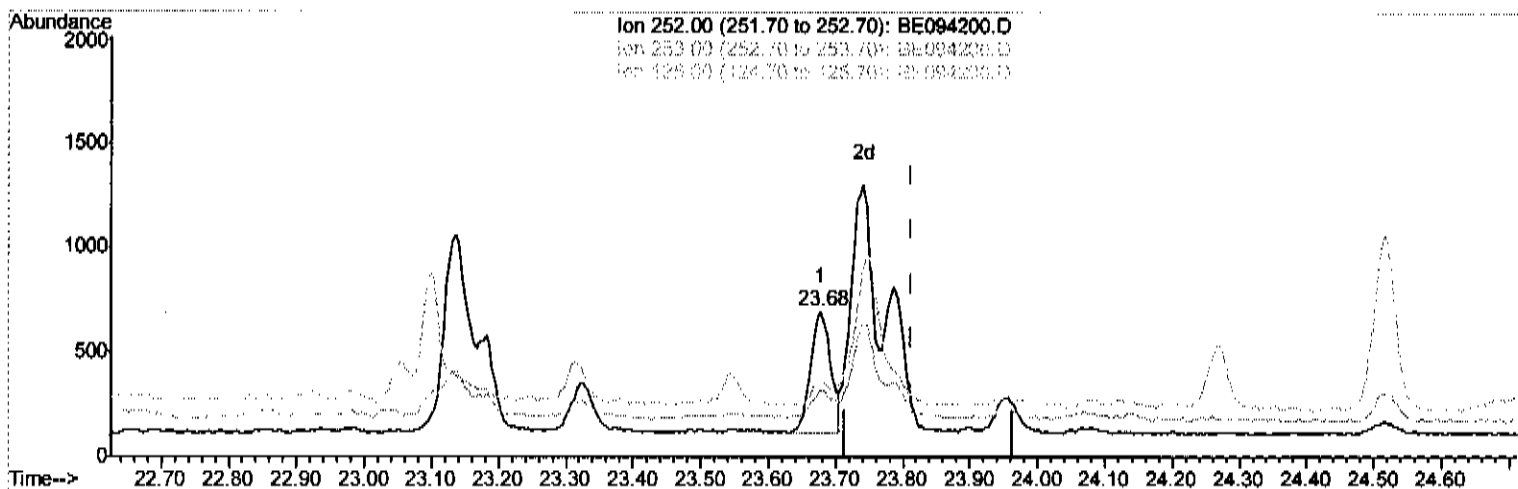
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094200.D
 Acq On : 7 Oct 2017 13:33
 Operator : SJ/JU
 Sample : I5735-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AE2

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:50 PM

Quant Time: Oct 08 03:02:10 2017
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 Response via : Initial Calibration



TIC: BE094200.D

(23) Benzo(a)pyrene (C)

23.678min (-0.136) 0.05ng/ul

response 1220

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	45.42#
125.00	22.60	51.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

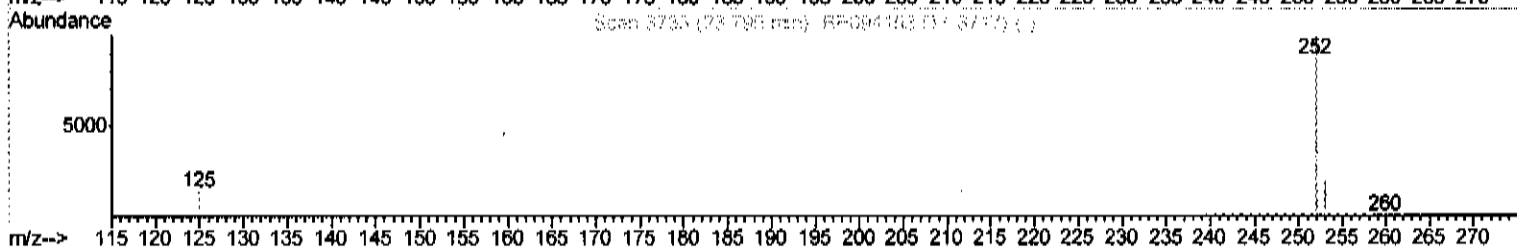
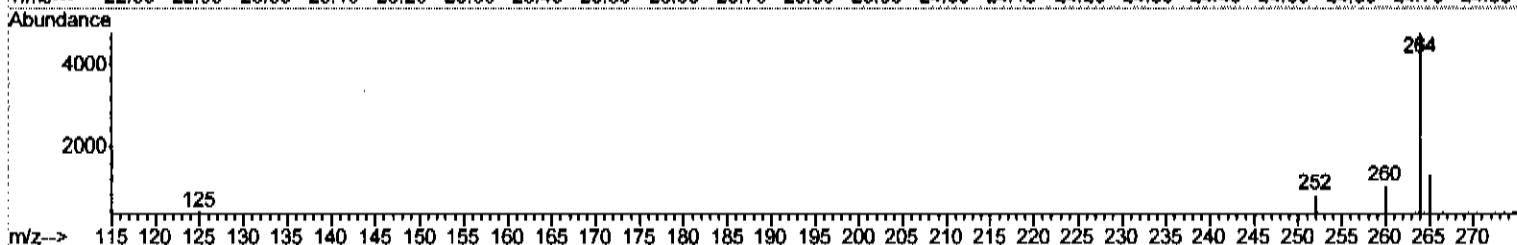
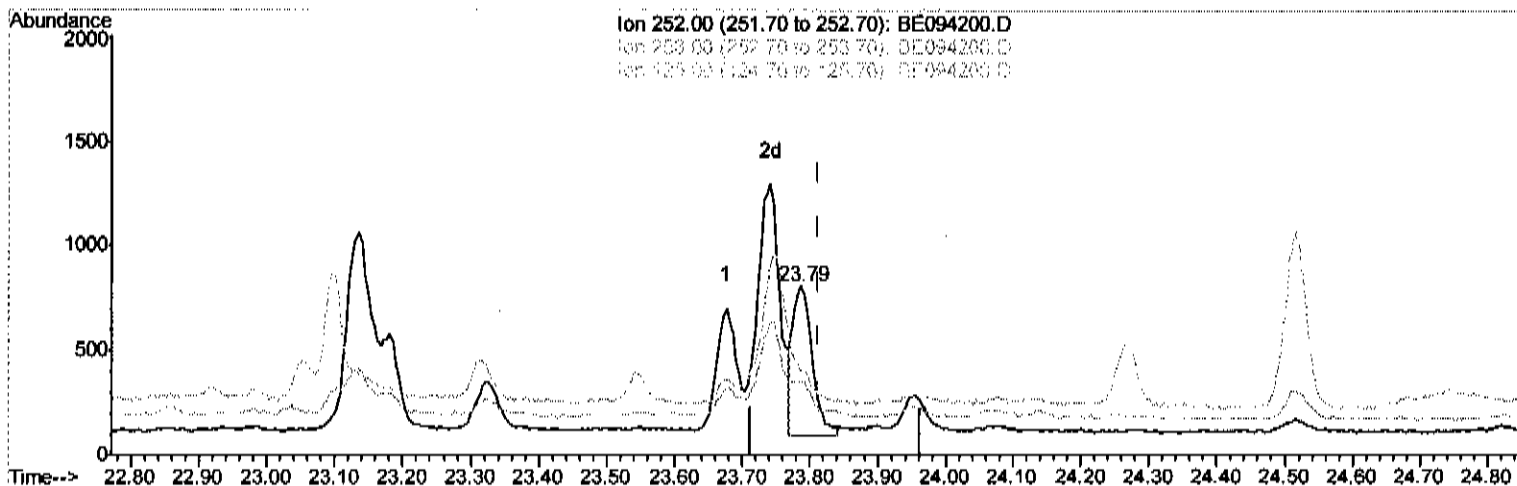
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094200.D
 Acq On : 7 Oct 2017 13:33
 Operator : SJ/JU
 Sample : I5735-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AE2

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:50 PM

Quant Time: Oct 08 03:02:10 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
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 Response via : Initial Calibration



TIC: BE094200.D

(23) Benzo(a)pyrene (C)

23.787min (-0.026) 0.06ng/ul m

response 1428

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	43.85#
125.00	22.60	50.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

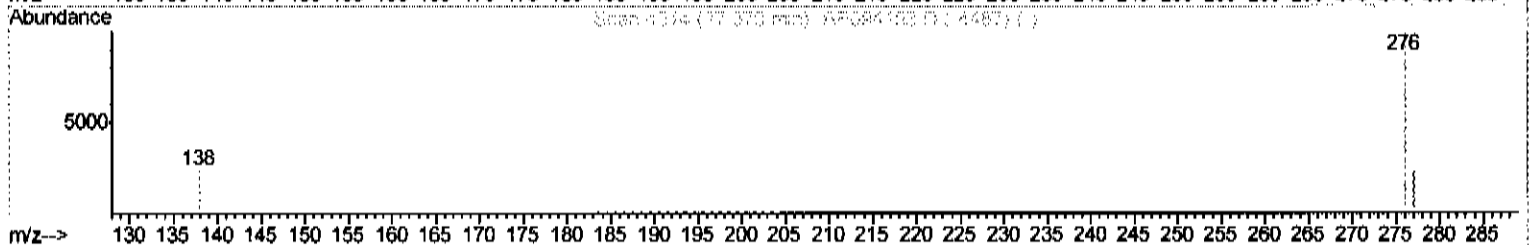
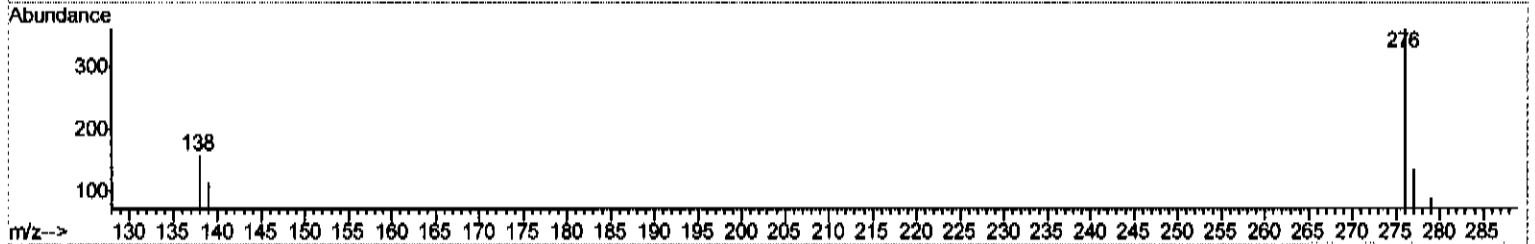
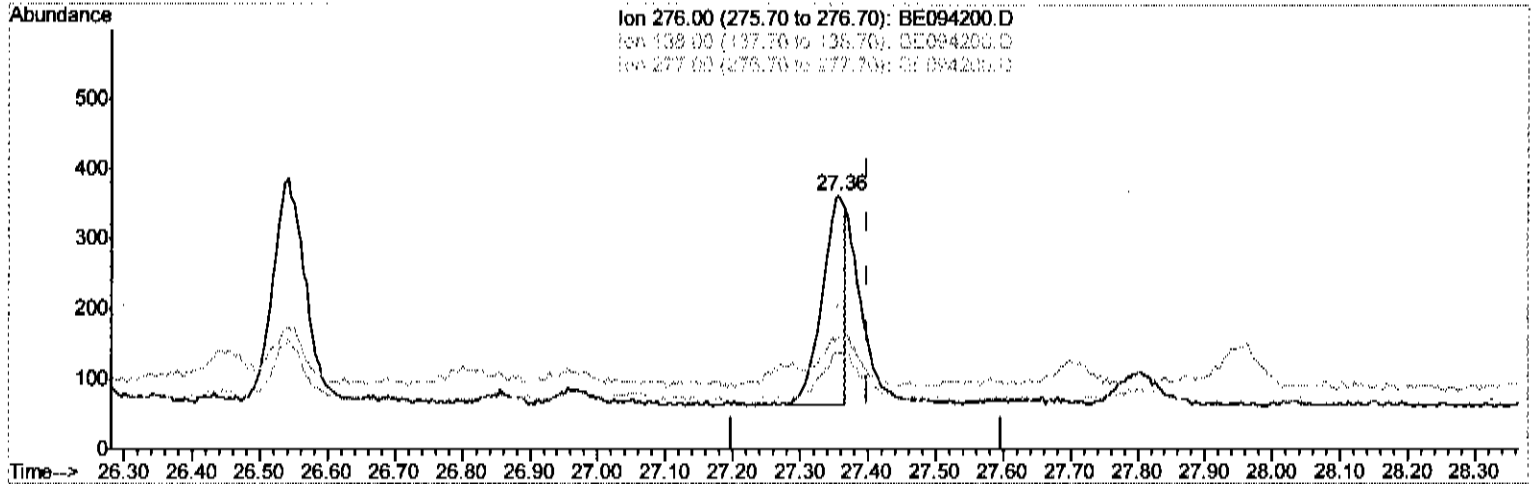
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094200.D
 Acq On : 7 Oct 2017 13:33
 Operator : SJ/JU
 Sample : I5735-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AE2

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:50 PM

Quant Time: Oct 08 03:02:10 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



TIC: BE094200.D

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

27.357min (-0.042) 0.03ng/ul

response 683

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	43.92#
277.00	25.60	37.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

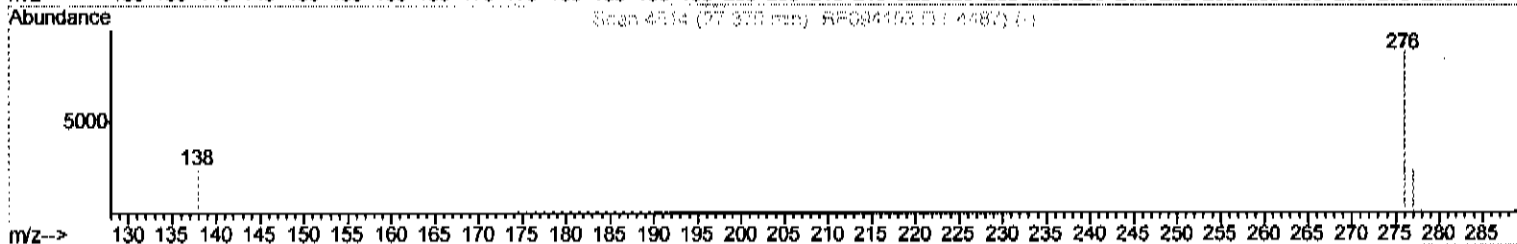
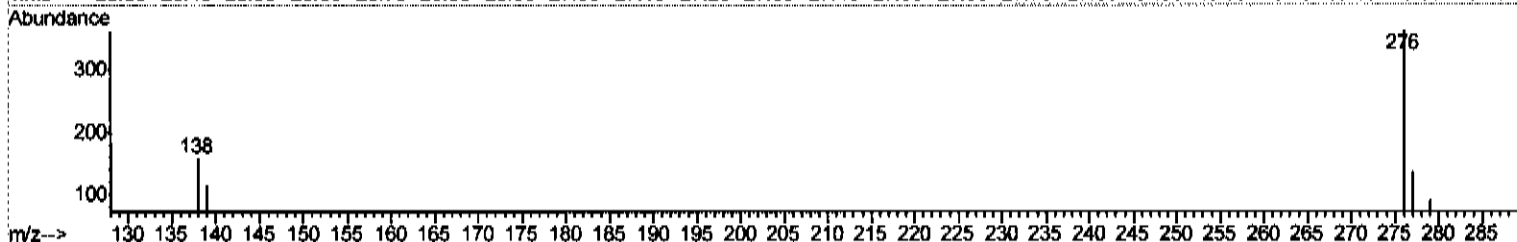
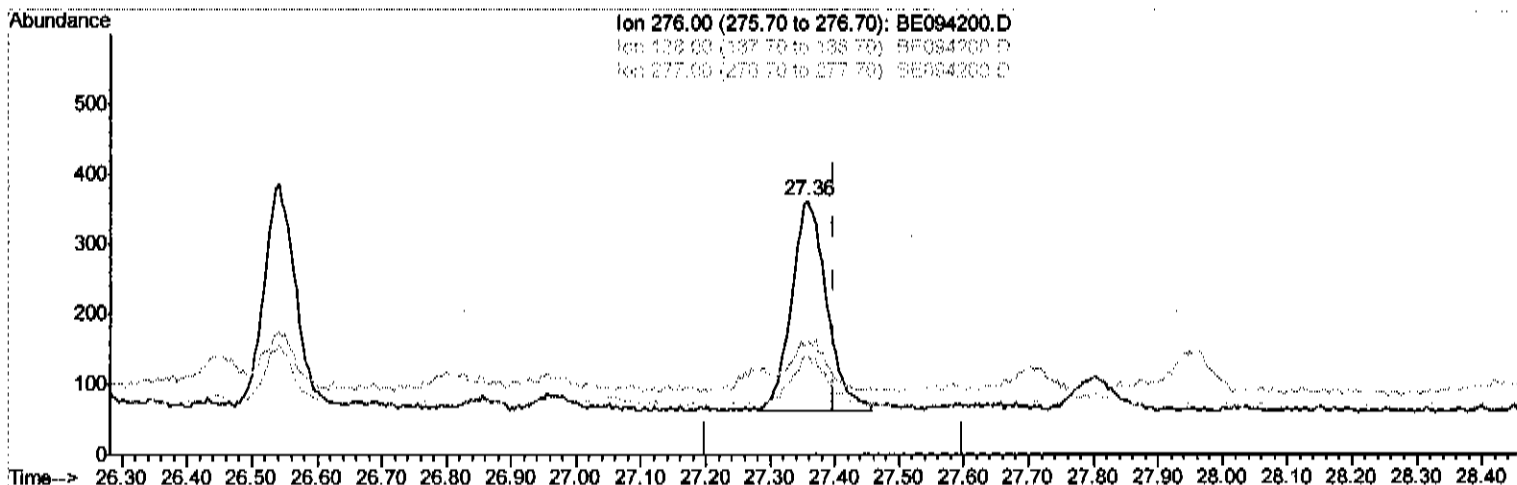
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094200.D
 Acq On : 7 Oct 2017 13:33
 Operator : SJ/JU
 Sample : I5735-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE2

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:50 PM

Quant Time: Oct 08 03:02:10 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



TIC: BE094200.D

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

27.357min (-0.042) 0.05ng/ul m

ju 10/9/17

response 1144

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	43.92#
277.00	25.60	37.57#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094200.D
 Acq On : 7 Oct 2017 13:33
 Operator : SJ/JU
 Sample : I5735-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AE2

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:50 PM

Quant Time: Oct 08 03:04:19 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1423	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7171	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4338	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	9872m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.40	240	9849	0.40	ng/ul	-0.01
20) Perylene-d12	23.90	264	8661m	0.40	ng/ul	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	2807	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.26	212	9054	0.27	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.73	128	656	0.037	ng/ul#	80
8) Acenaphthene	14.57	153	422	0.030	ng/ul	95
12) Phenanthrene	17.27	178	2450m	0.095	ng/ul	86
15) Fluoranthene	19.29	202	3052	0.090	ng/ul	93
17) Pyrene	19.65	202	3988	0.146	ng/ul	81
18) Benzo(a)anthracene	21.38	228	1435	0.055	ng/ul#	84
19) Chrysene	21.44	228	2002	0.066	ng/ul#	
21) Benzo(b)fluoranthene	23.14	252	2421m	0.103	ng/ul	
23) Benzo(a)pyrene	23.79	252	1428m	0.058	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	1144m	0.053	ng/ul	

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