

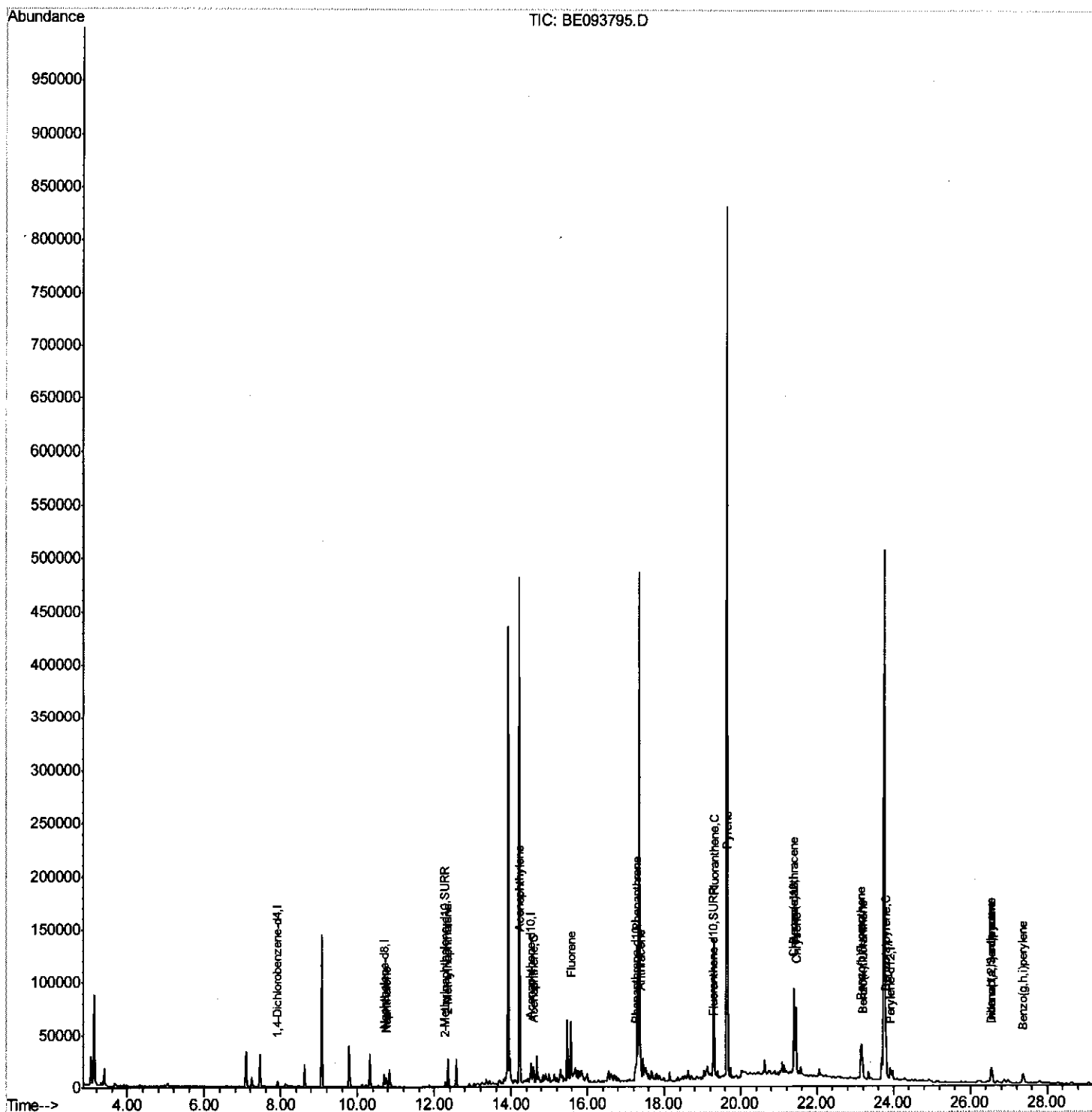
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
Data File : BE093795.D
Acq On : 14 Aug 2017 20:06
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AC6

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:32 PM

Quant Time: Aug 15 11:04:02 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 10:51:12 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

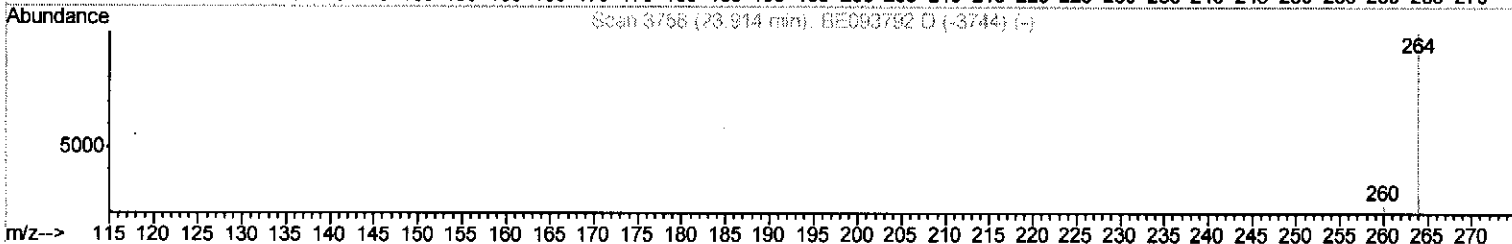
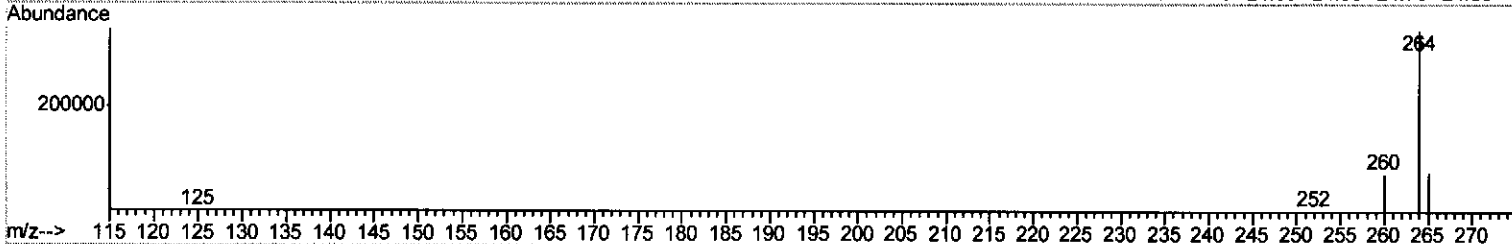
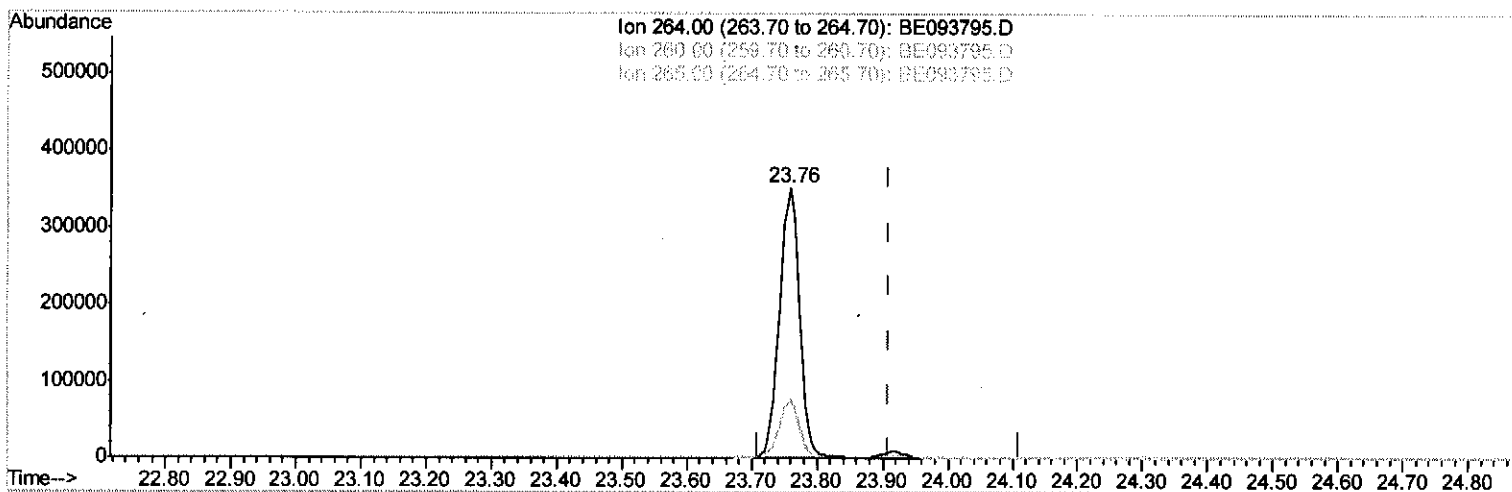
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
Data File : BE093795.D
Acq On : 14 Aug 2017 20:06
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AC6

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:32 PM

Quant Time: Aug 15 10:55:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 10:51:12 2017
Response via : Initial Calibration



TIC: BE093795.D

(20) Perylene-d12 (I)

23.760min (-0.149) 0.40ng/ul

response 741955

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.06#
265.00	103.50	21.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

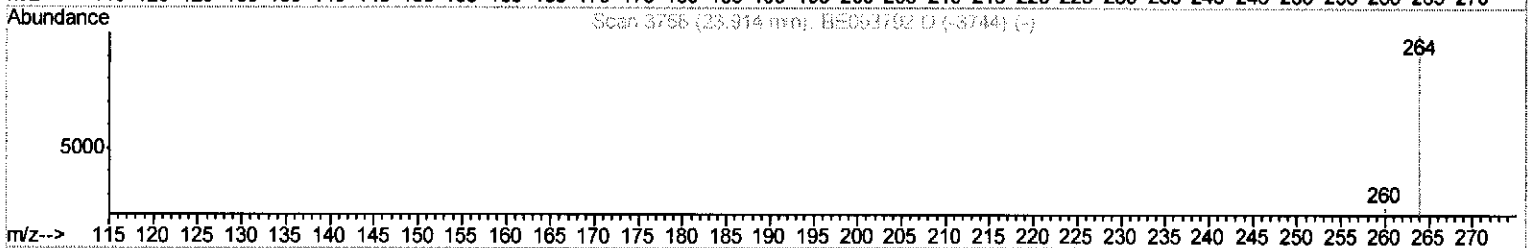
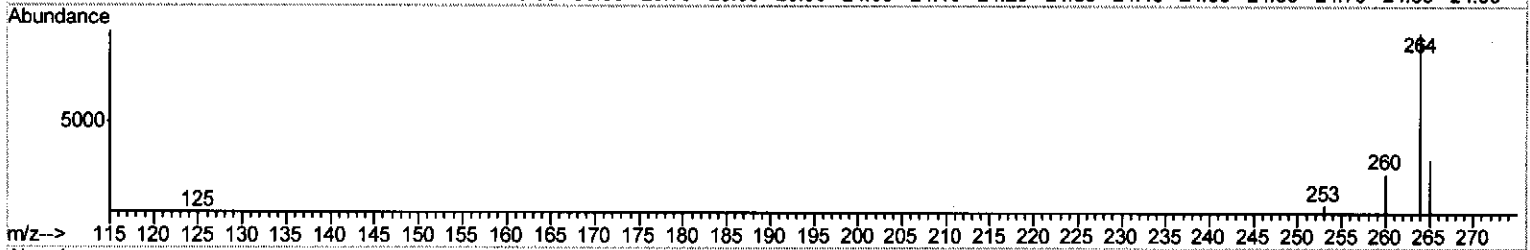
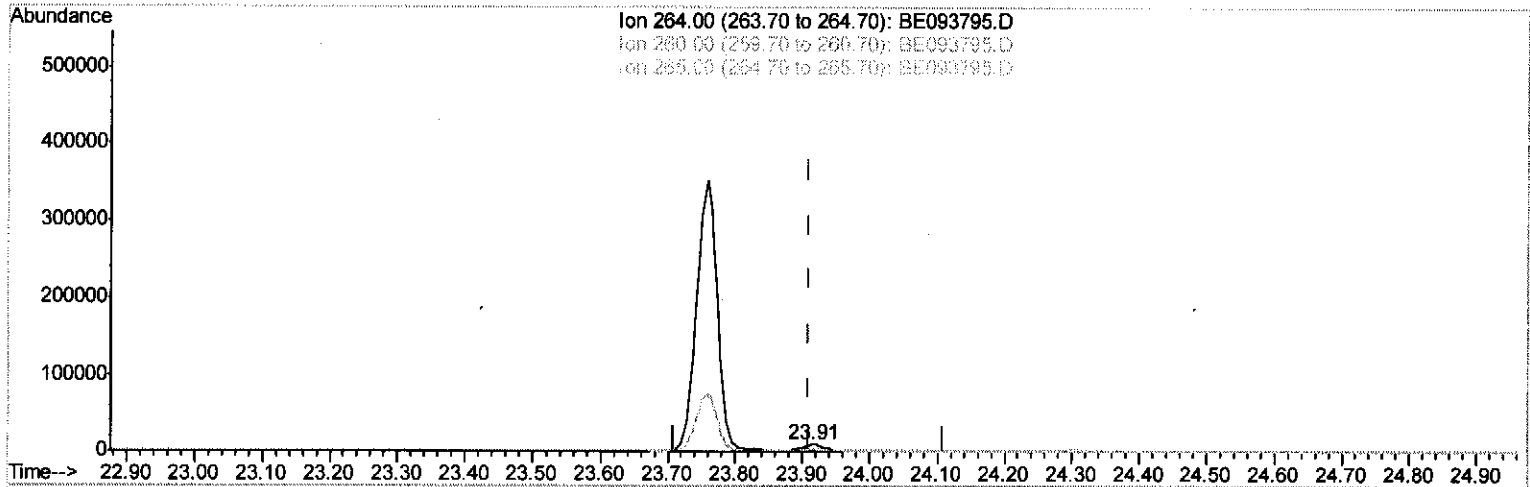
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
Data File : BE093795.D
Acq On : 14 Aug 2017 20:06
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AC6

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:32 PM

Quant Time: Aug 15 10:55:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 10:51:12 2017
Response via : Initial Calibration



TIC: BE093795.D

(20) Perylene-d12 (I)

23.914min (+0.005) 0.40ng/ul m

response 15761

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	29.53
265.00	103.50	36.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

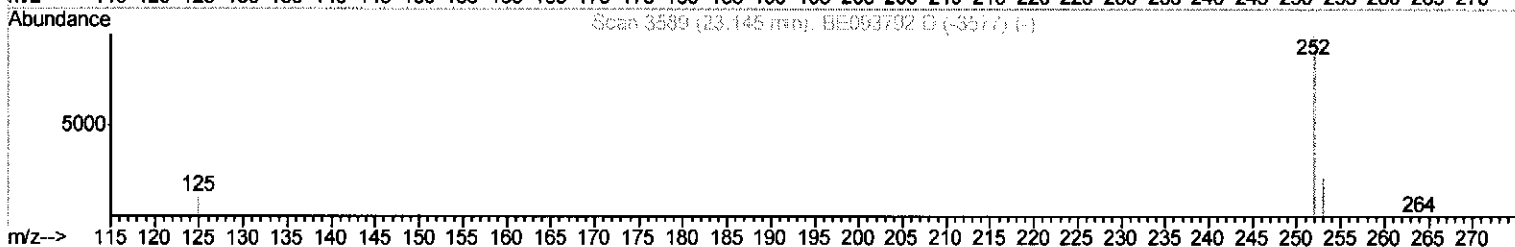
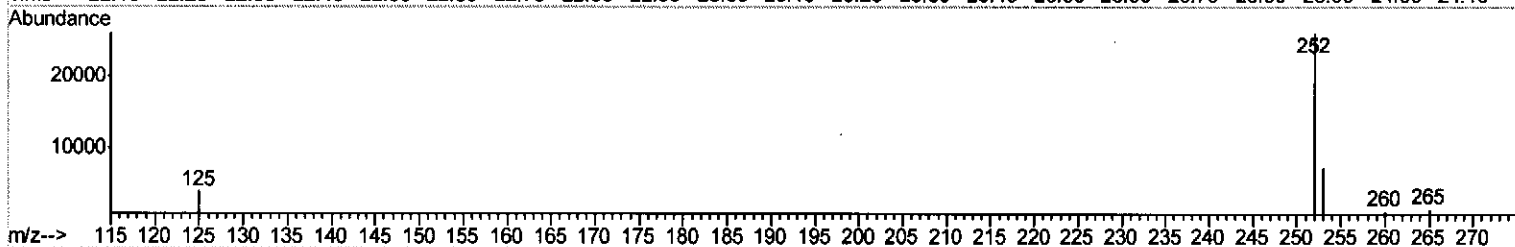
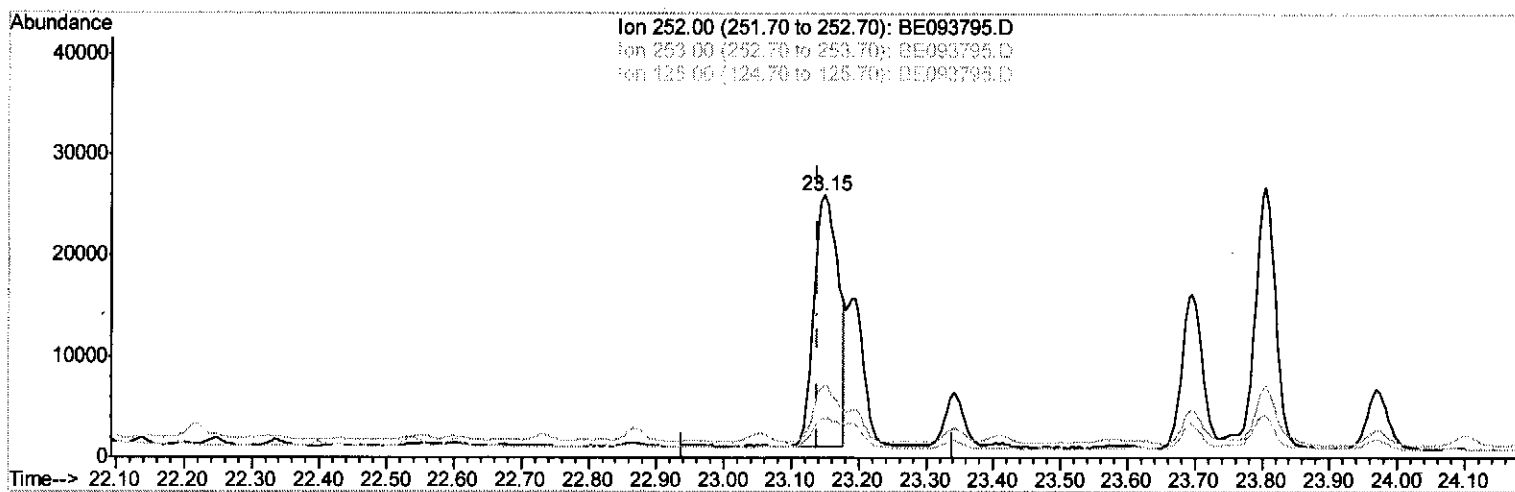
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
Data File : BE093795.D
Acq On : 14 Aug 2017 20:06
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AC6

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:32 PM

Quant Time: Aug 15 10:56:40 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 10:51:12 2017
Response via : Initial Calibration



TIC: BE093795.D

(21) Benzo(b)fluoranthene
23.149min (+0.010) 1.29ng/ul
response 62895

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	27.62
125.00	17.50	15.20
0.00	0.00	0.00

Quantitation Report (Qedit)

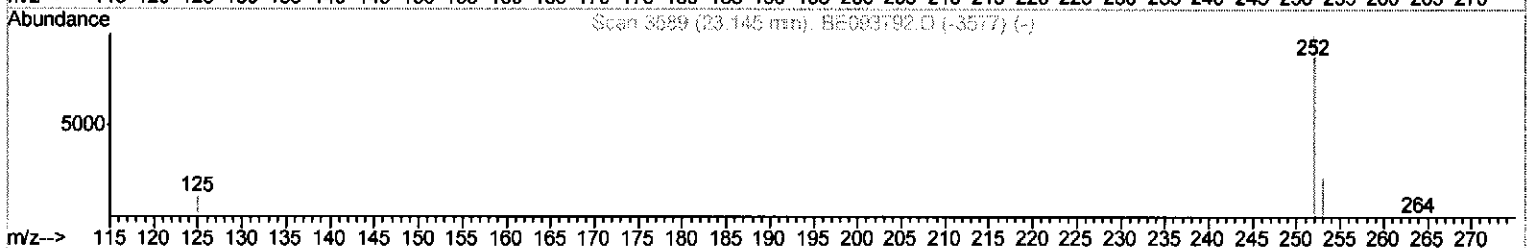
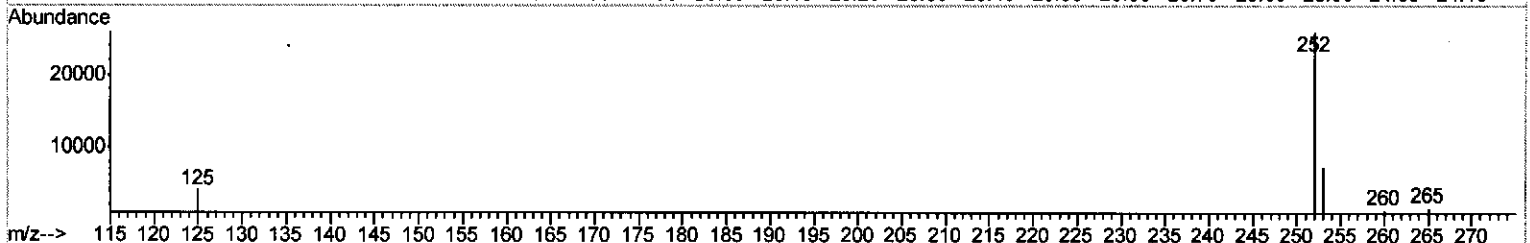
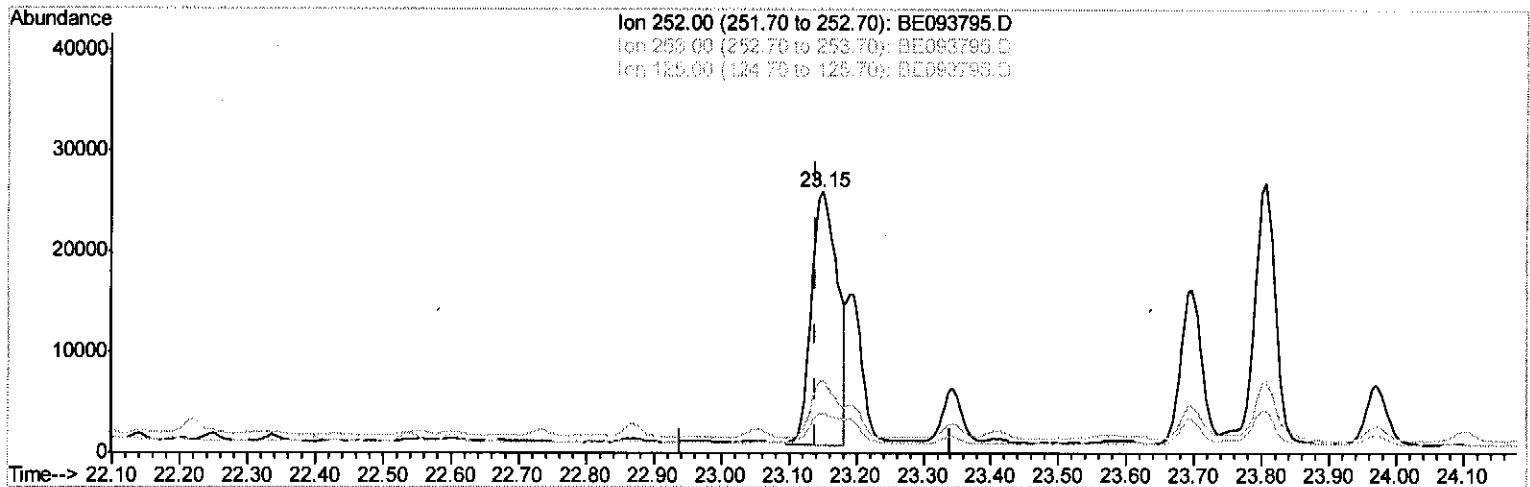
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
Data File : BE093795.D
Acq On : 14 Aug 2017 20:06
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC6

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:32 PM

Quant Time: Aug 15 10:56:40 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 10:51:12 2017
Response via : Initial Calibration



TIC: BE093795.D

(21) Benzo(b)fluoranthene

23.149min (+0.010) 1.40ng/ul m

response 68175

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	27.62
125.00	17.50	15.20
0.00	0.00	0.00

Quantitation Report (Qedit)

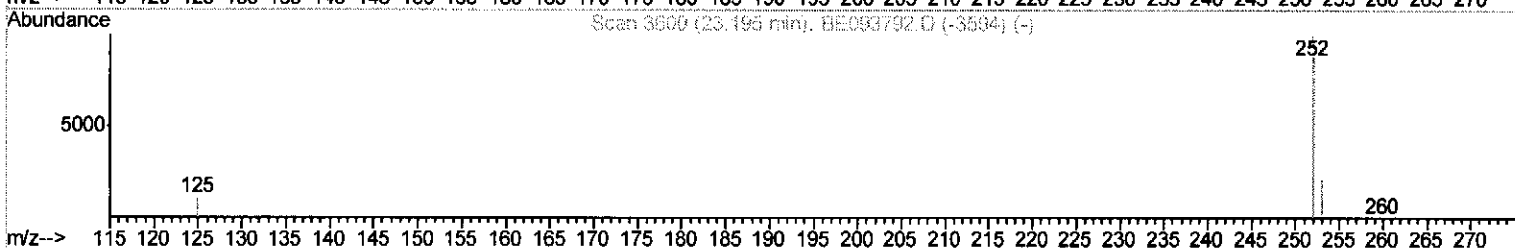
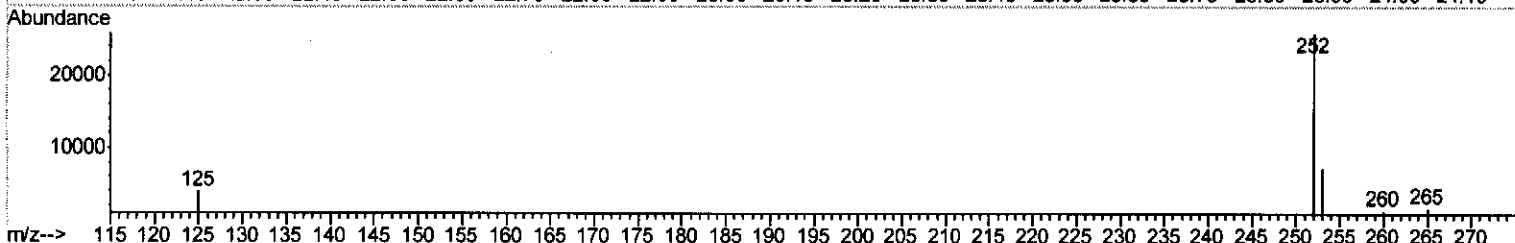
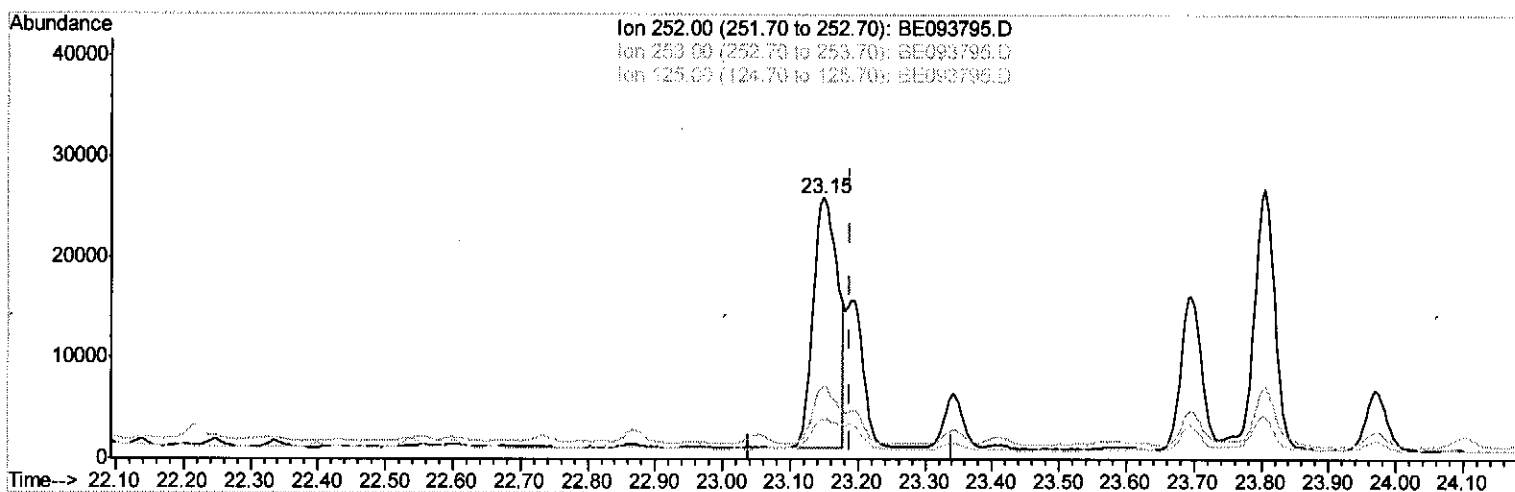
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
Data File : BE093795.D
Acq On : 14 Aug 2017 20:06
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC6

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:32 PM

Quant Time: Aug 15 10:56:40 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 10:51:12 2017
Response via : Initial Calibration



TIC: BE093795.D

(22) Benzo(k)fluoranthene

23.149min (-0.040) 1.31ng/ul

response 62895

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.62
125.00	17.10	15.20
0.00	0.00	0.00

Quantitation Report (Qedit)

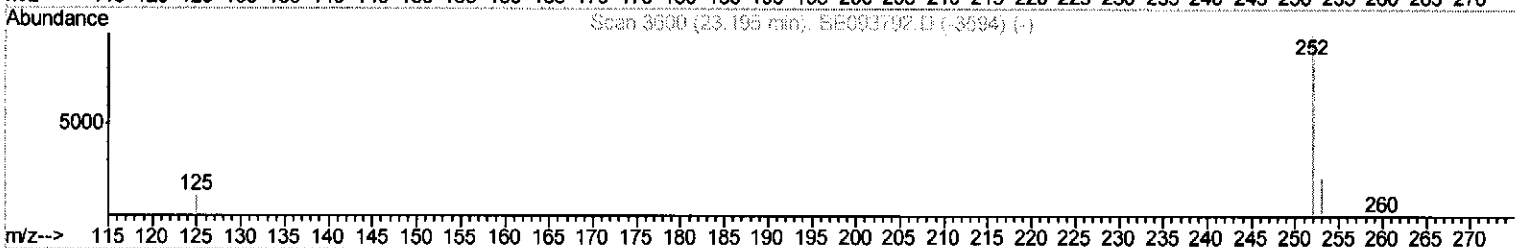
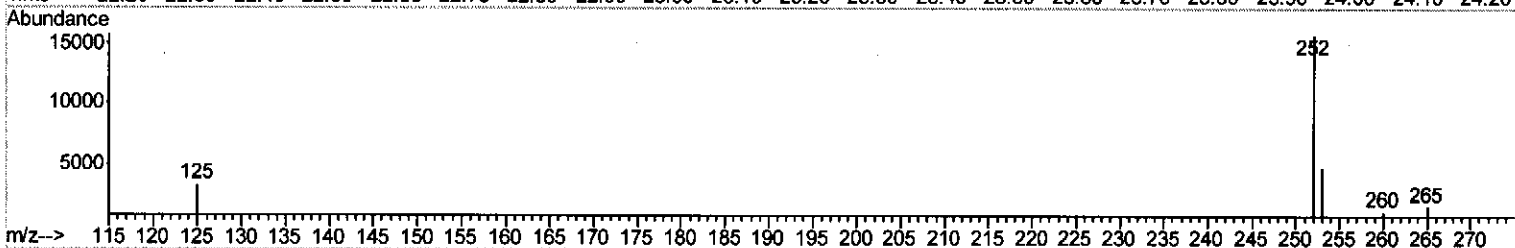
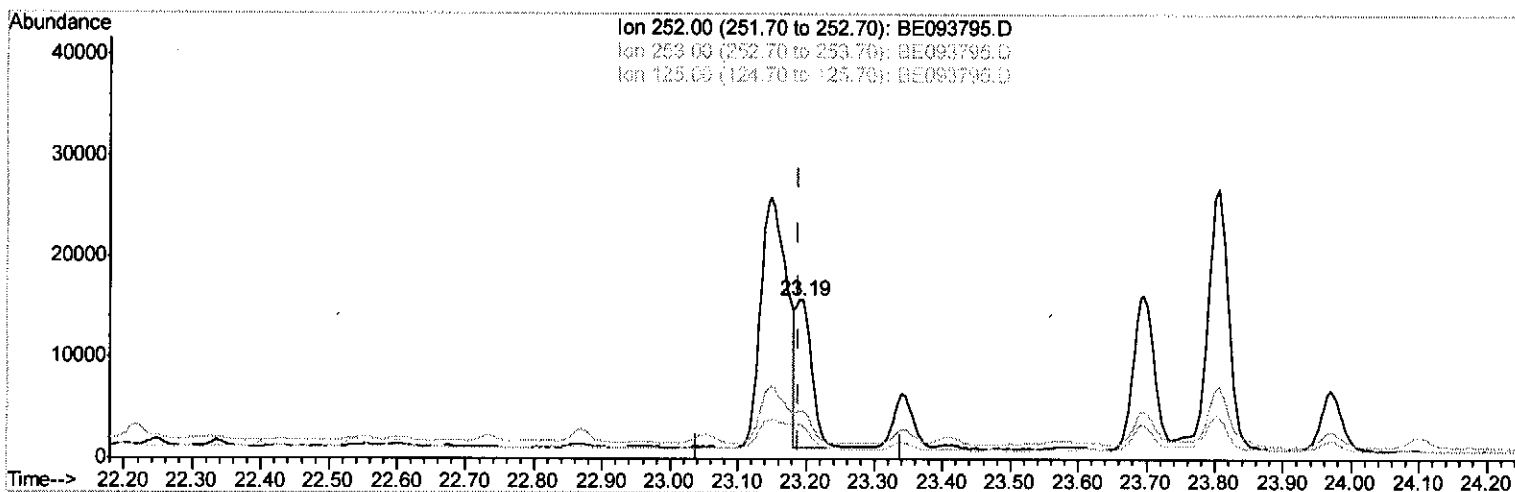
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093795.D
 Acq On : 14 Aug 2017 20:06
 Operator : SJ/JU
 Sample : I4557-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AC6

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:32 PM

Quant Time: Aug 15 10:56:40 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 10:51:12 2017
 Response via : Initial Calibration



TIC: BE093795.D

(22) Benzo(k)fluoranthene

23.195min (+0.005) 0.49ng/ul m

response 23565

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	30.56
125.00	17.10	21.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

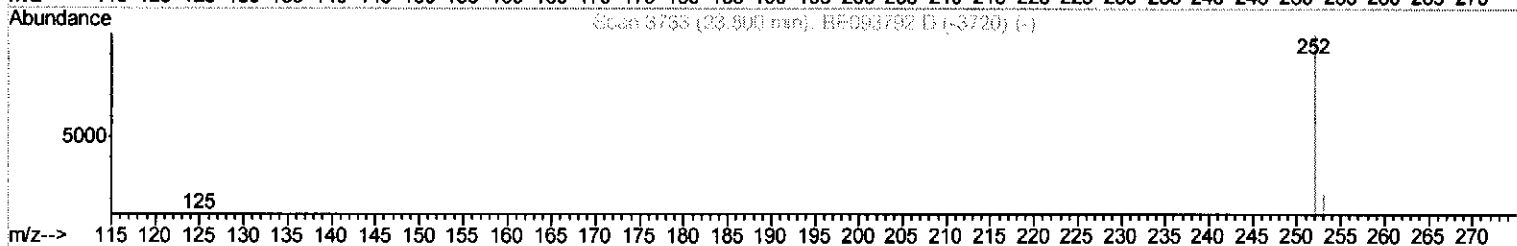
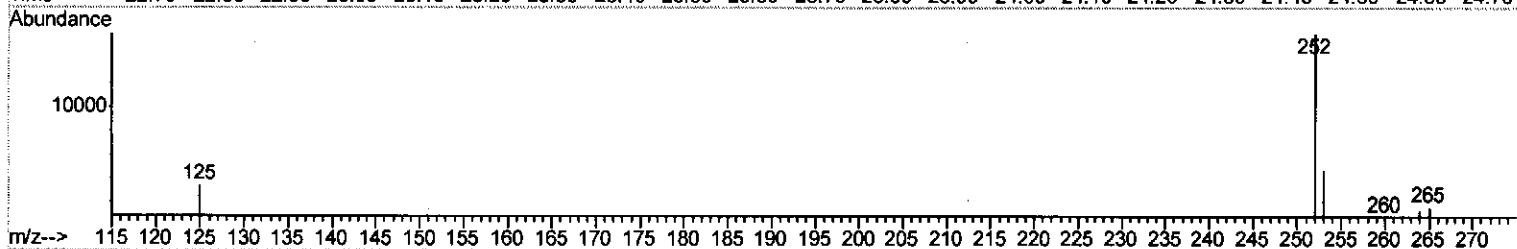
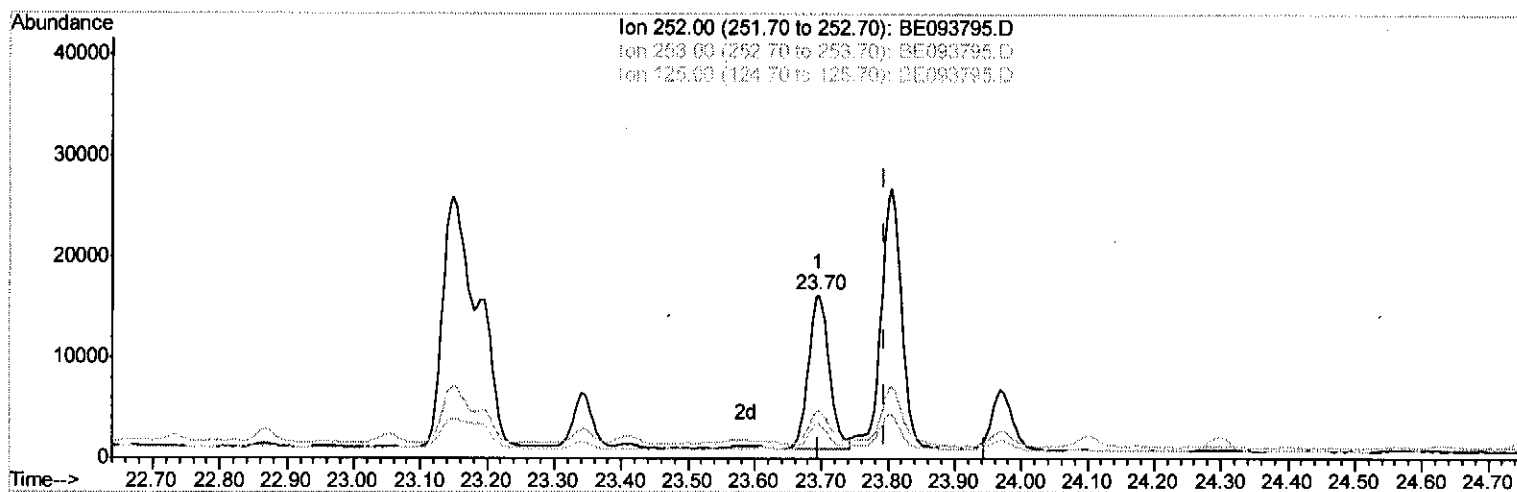
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
Data File : BE093795.D
Acq On : 14 Aug 2017 20:06
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC6

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:32 PM

Quant Time: Aug 15 10:56:40 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 10:51:12 2017
Response via : Initial Calibration



TIC: BE093795.D

(23) Benzo(a)pyrene (C)

23.696min (-0.099) 0.73ng/ul

response 33653

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	28.92
125.00	22.60	20.83
0.00	0.00	0.00

Quantitation Report (Qedit)

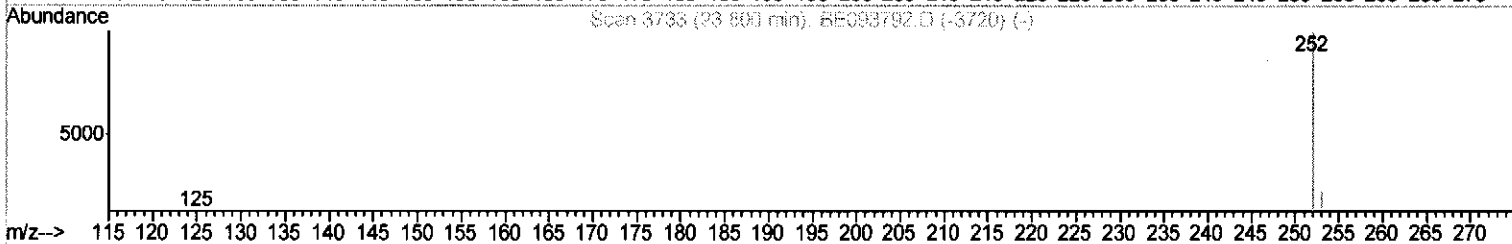
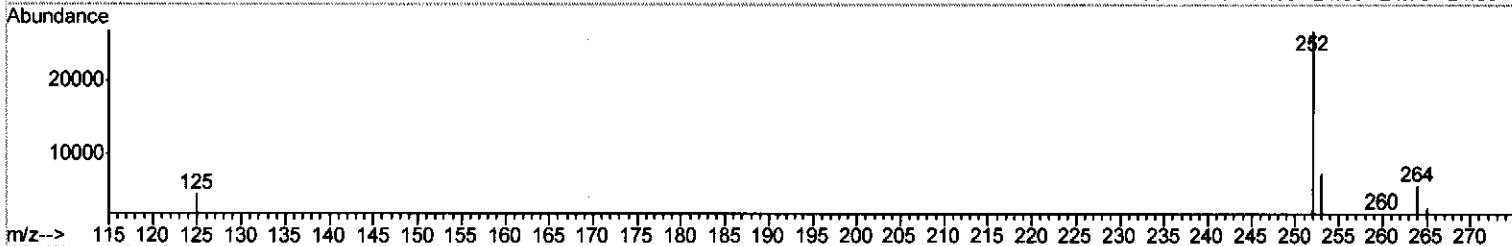
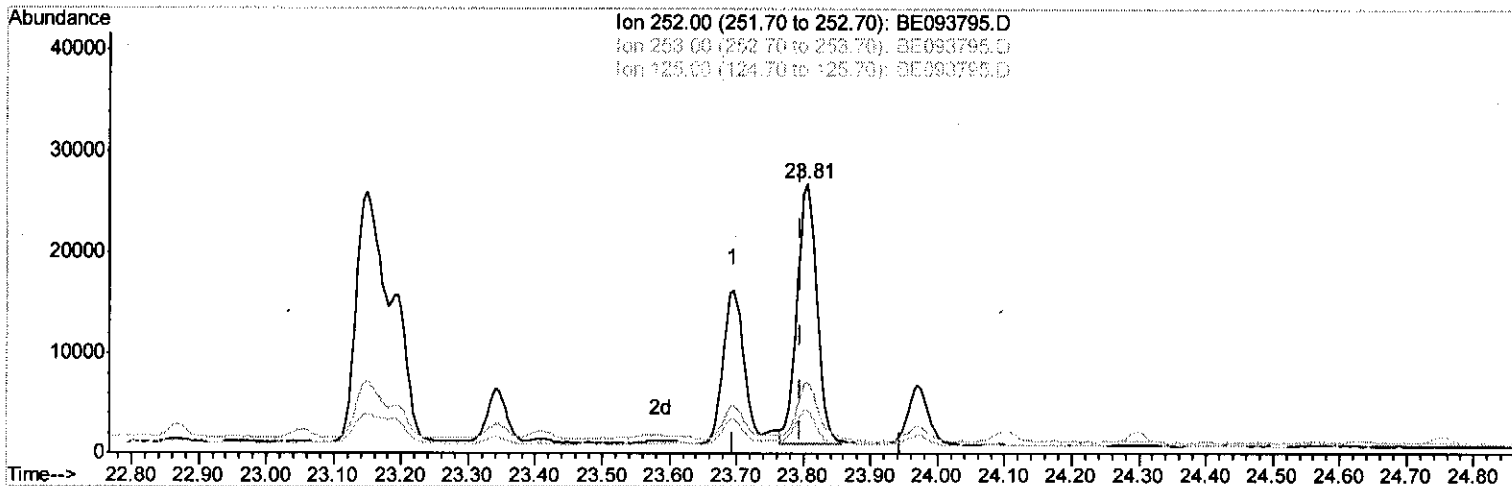
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093795.D
 Acq On : 14 Aug 2017 20:06
 Operator : SJ/JU
 Sample : I4557-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC6

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:32 PM

Quant Time: Aug 15 10:56:40 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 10:51:12 2017
 Response via : Initial Calibration



TIC: BE093795.D

(23) Benzo(a)pyrene (C)

23.805min (+0.010) 1.15ng/ul m

response 53214

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	26.62#
125.00	22.60	15.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

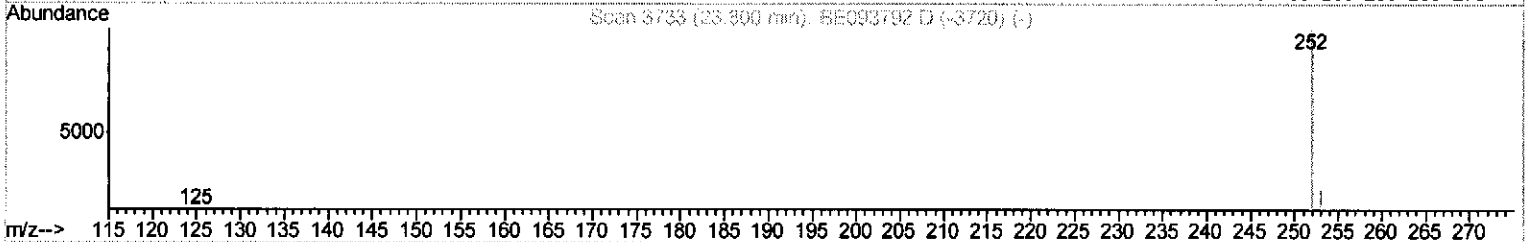
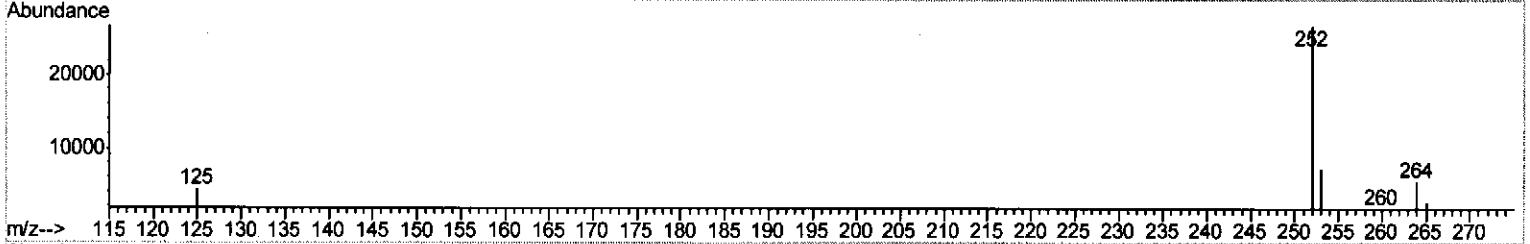
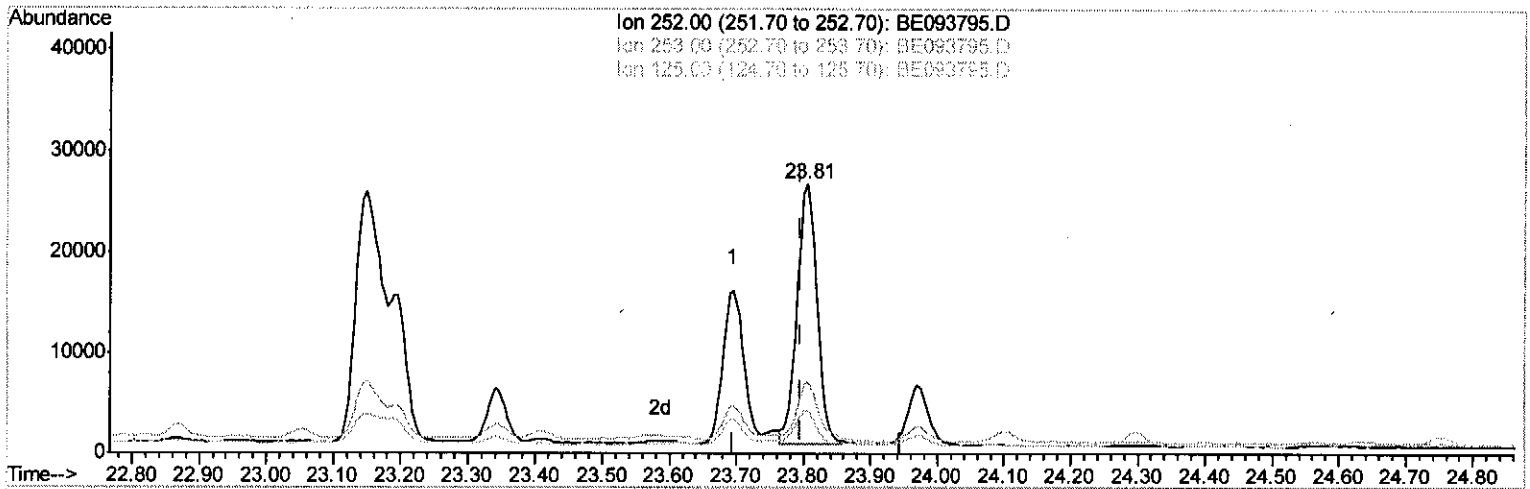
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093795.D
 Acq On : 14 Aug 2017 20:06
 Operator : SJ/JU
 Sample : I4557-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC6

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:32 PM

Quant Time: Aug 15 10:56:40 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 10:51:12 2017
 Response via : Initial Calibration



TIC: BE093795.D

(23) Benzo(a)pyrene (C)

23.805min (+0.010) 1.15ng/ul m

response 53214

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	26.62#
125.00	22.60	15.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

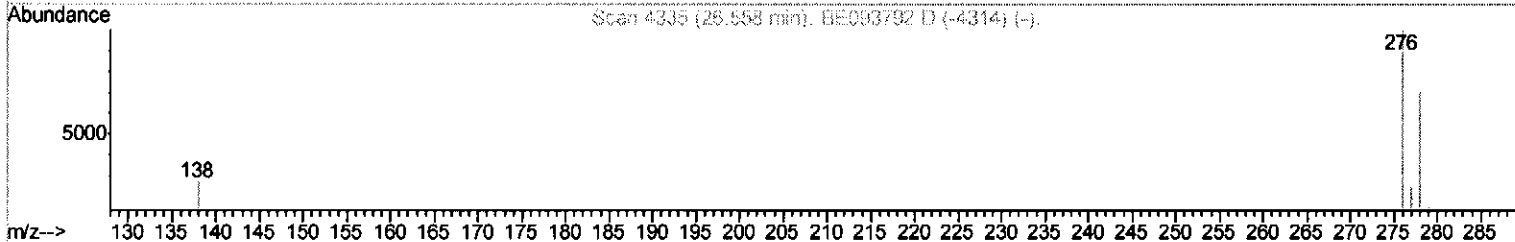
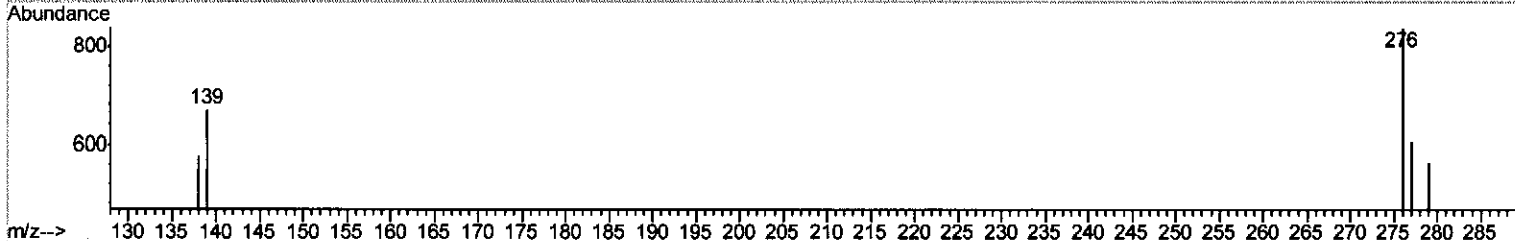
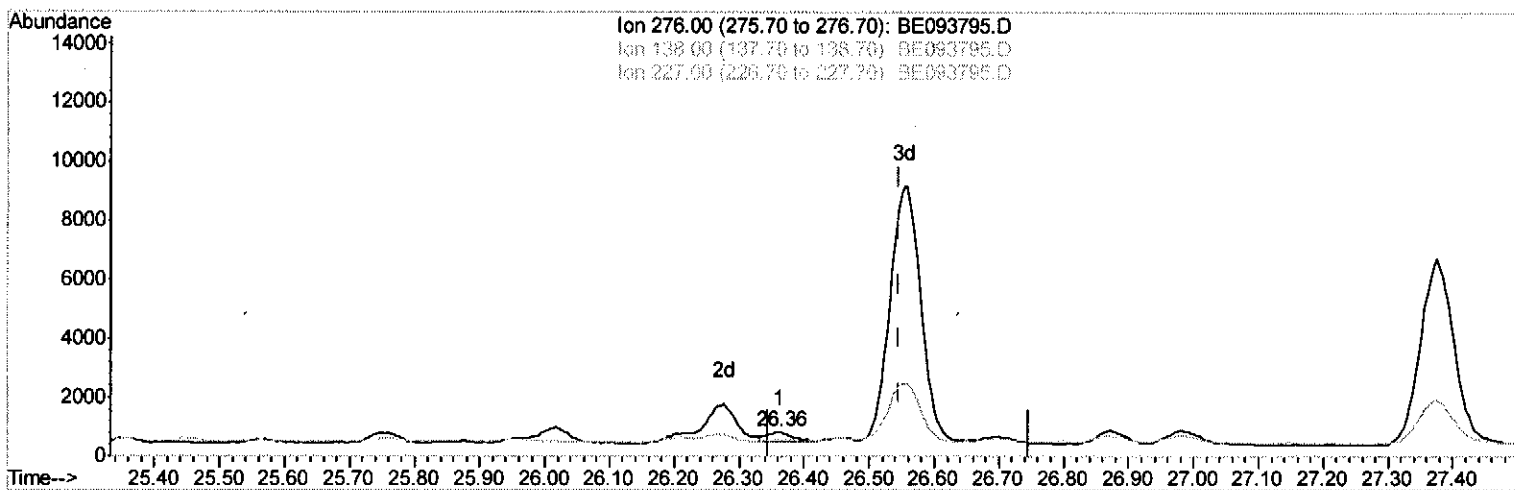
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093795.D
 Acq On : 14 Aug 2017 20:06
 Operator : SJ/JU
 Sample : I4557-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC6

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:32 PM

Quant Time: Aug 15 10:56:40 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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 Response via : Initial Calibration



TIC: BE093795.D

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

26.363min (-0.183) 0.02ng/ul

response 862

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	37.70
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

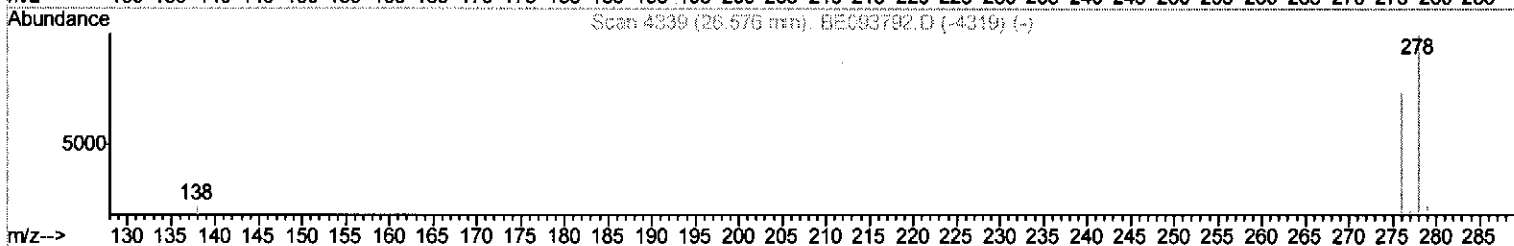
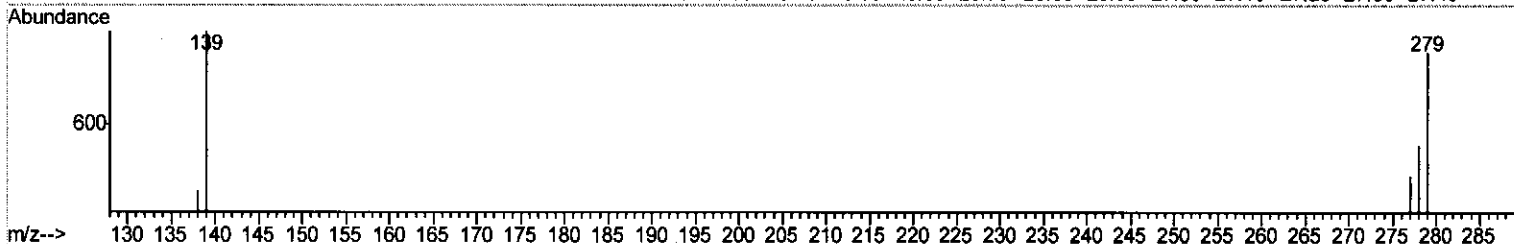
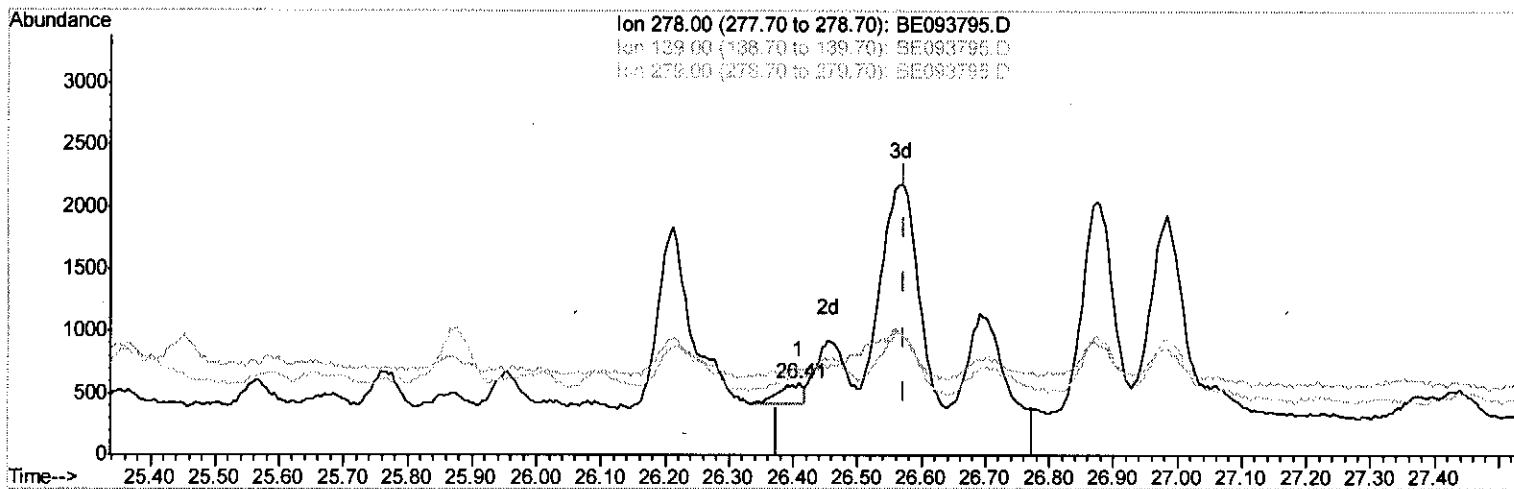
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
Data File : BE093795.D
Acq On : 14 Aug 2017 20:06
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AC6

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:32 PM

Quant Time: Aug 15 10:56:40 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 10:51:12 2017
Response via : Initial Calibration



TIC: BE093795.D

(25) Dibenzo(a,h)anthracene

26.409min (-0.165) 0.01ng/ul

response 436

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	117.18#
279.00	32.40	114.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

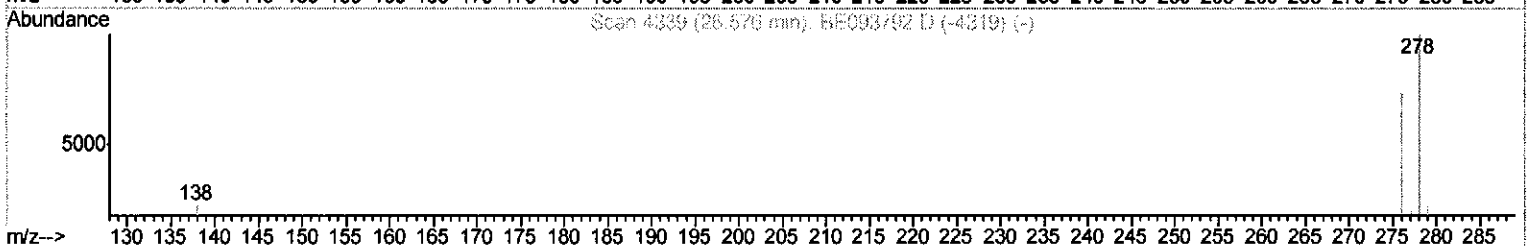
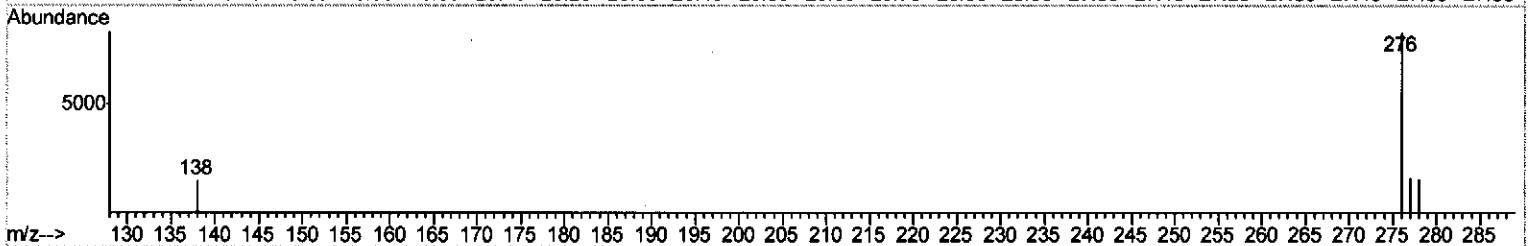
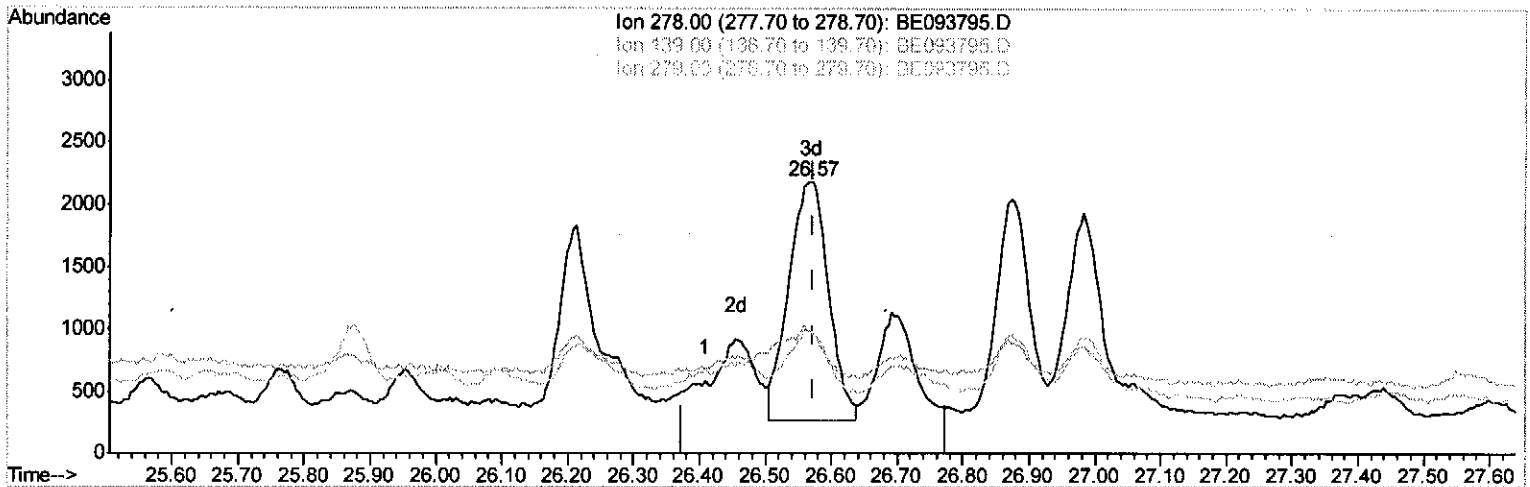
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
Data File : BE093795.D
Acq On : 14 Aug 2017 20:06
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AC6

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:32 PM

Quant Time: Aug 15 10:56:40 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 10:51:12 2017
Response via : Initial Calibration



TIC: BE093795.D

(25) Dibenzo(a,h)anthracene

26.568min (-0.005) 0.19ng/ul m

response 8048

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	45.47#
279.00	32.40	45.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

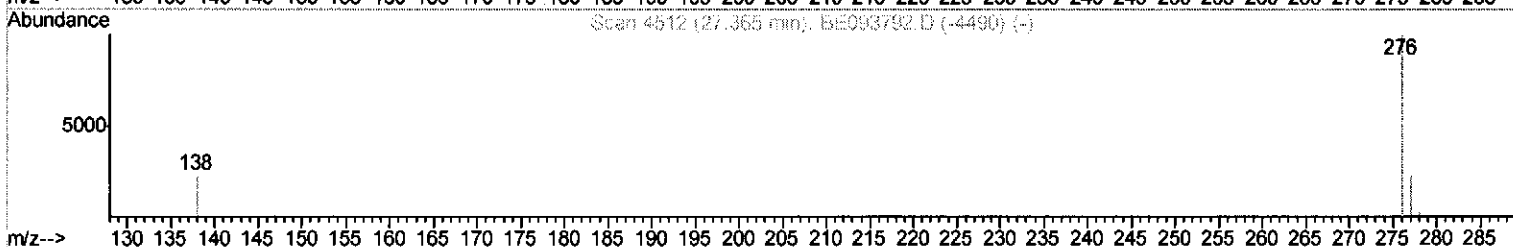
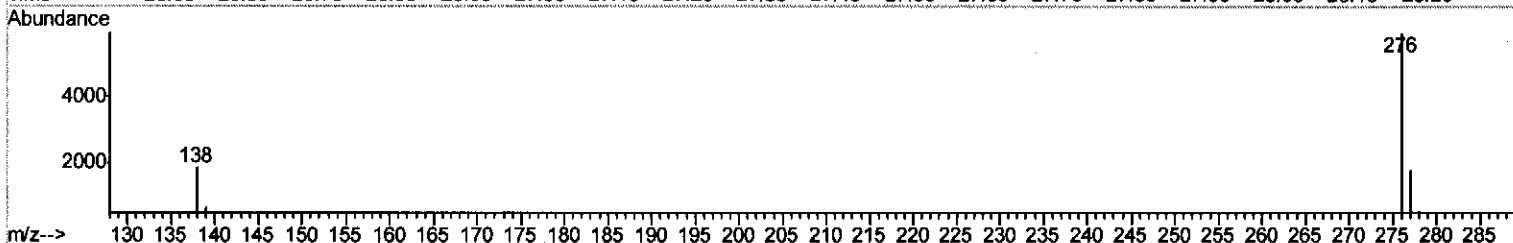
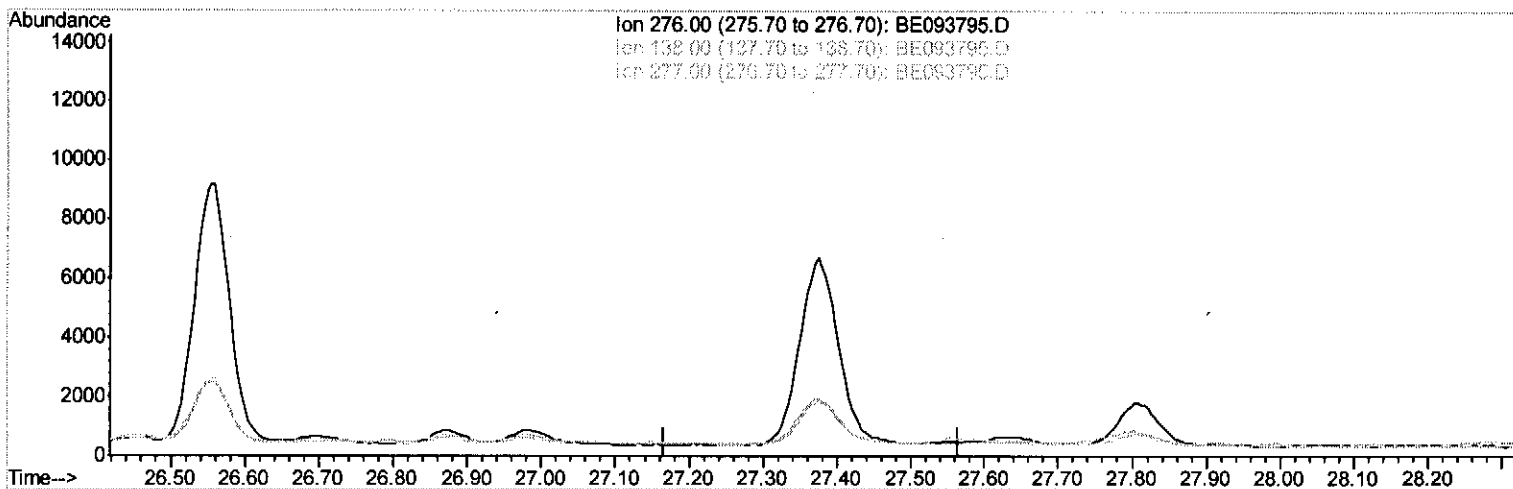
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
Data File : BE093795.D
Acq On : 14 Aug 2017 20:06
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AC6

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:32 PM

Quant Time: Aug 15 10:56:40 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 10:51:12 2017
Response via : Initial Calibration



TIC: BE093795.D

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

27.366min (-27.366) 0.00ng/ui

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)

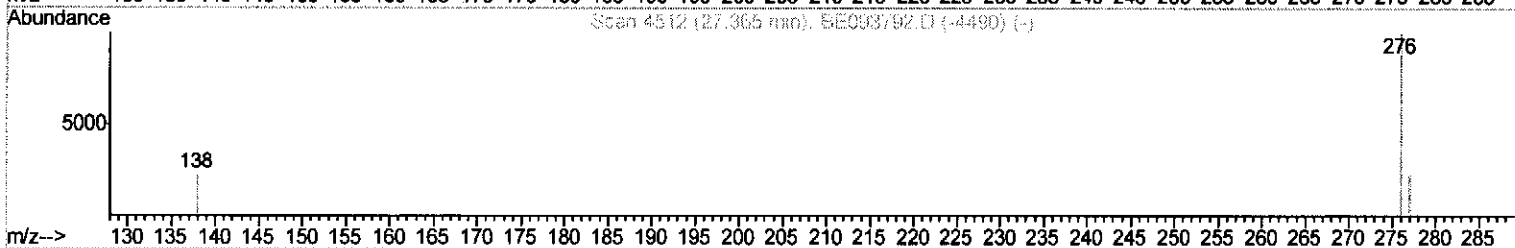
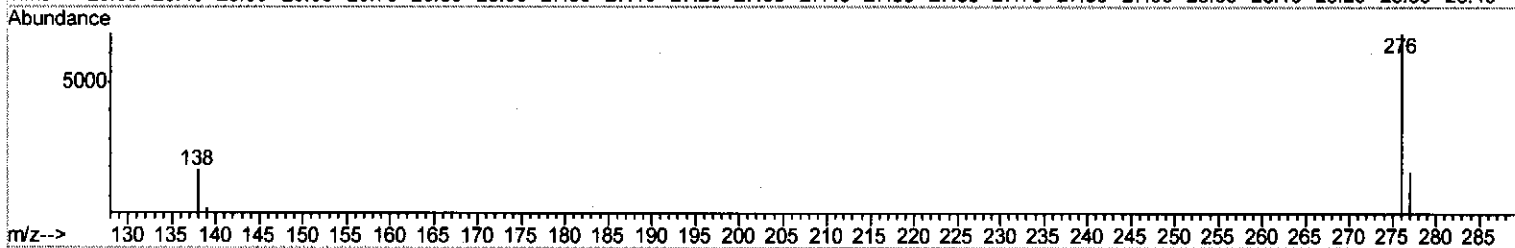
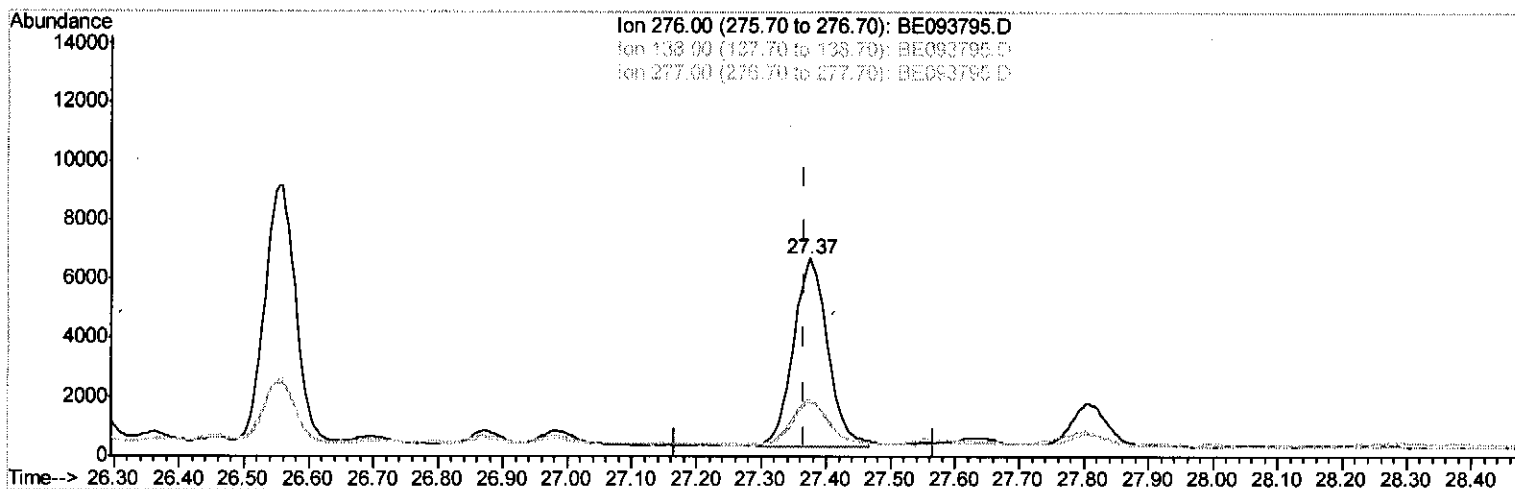
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
Data File : BE093795.D
Acq On : 14 Aug 2017 20:06
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC6

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:32 PM

Quant Time: Aug 15 10:56:40 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 10:51:12 2017
Response via : Initial Calibration



TIC: BE093795.D

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

27.375min (+0.008) 0.54ng/ul m

response 23253

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	28.72
277.00	25.60	28.10
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093795.D
 Acq On : 14 Aug 2017 20:06
 Operator : SJ/JU
 Sample : I4557-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC6

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:32 PM

Quant Time: Aug 15 11:04:02 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 10:51:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2562	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13464	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8948	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18265	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	18407	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	15761m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	6831	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	18479	0.32	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.75	128	13318	0.407	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	23191	0.971	ng/ul	99
7) Acenaphthylene	14.24	152	6281	0.168	ng/ul#	73
8) Acenaphthene	14.58	153	9144	0.311	ng/ul	95
9) Fluorene	15.57	166	34993	0.940	ng/ul	91
12) Phenanthrene	17.29	178	112791	2.267	ng/ul#	90
13) Anthracene	17.38	178	35060	0.724	ng/ul#	86
15) Fluoranthene	19.30	202	143957	2.314	ng/ul	83
17) Pyrene	19.67	202	173703	3.233	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	71921	1.348	ng/ul#	91
19) Chrysene	21.45	228	66584	1.301	ng/ul#	90
21) Benzo(b)fluoranthene	23.15	252	68175m	1.398	ng/ul	} 8/15/17
22) Benzo(k)fluoranthene	23.19	252	23565m	0.490	ng/ul	
23) Benzo(a)pyrene	23.81	252	53214m	1.147	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	28367m	0.554	ng/ul	
25) Dibenzo(a,h)anthracene	26.57	278	8048m	0.188	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	23253m	0.539	ng/ul	

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