

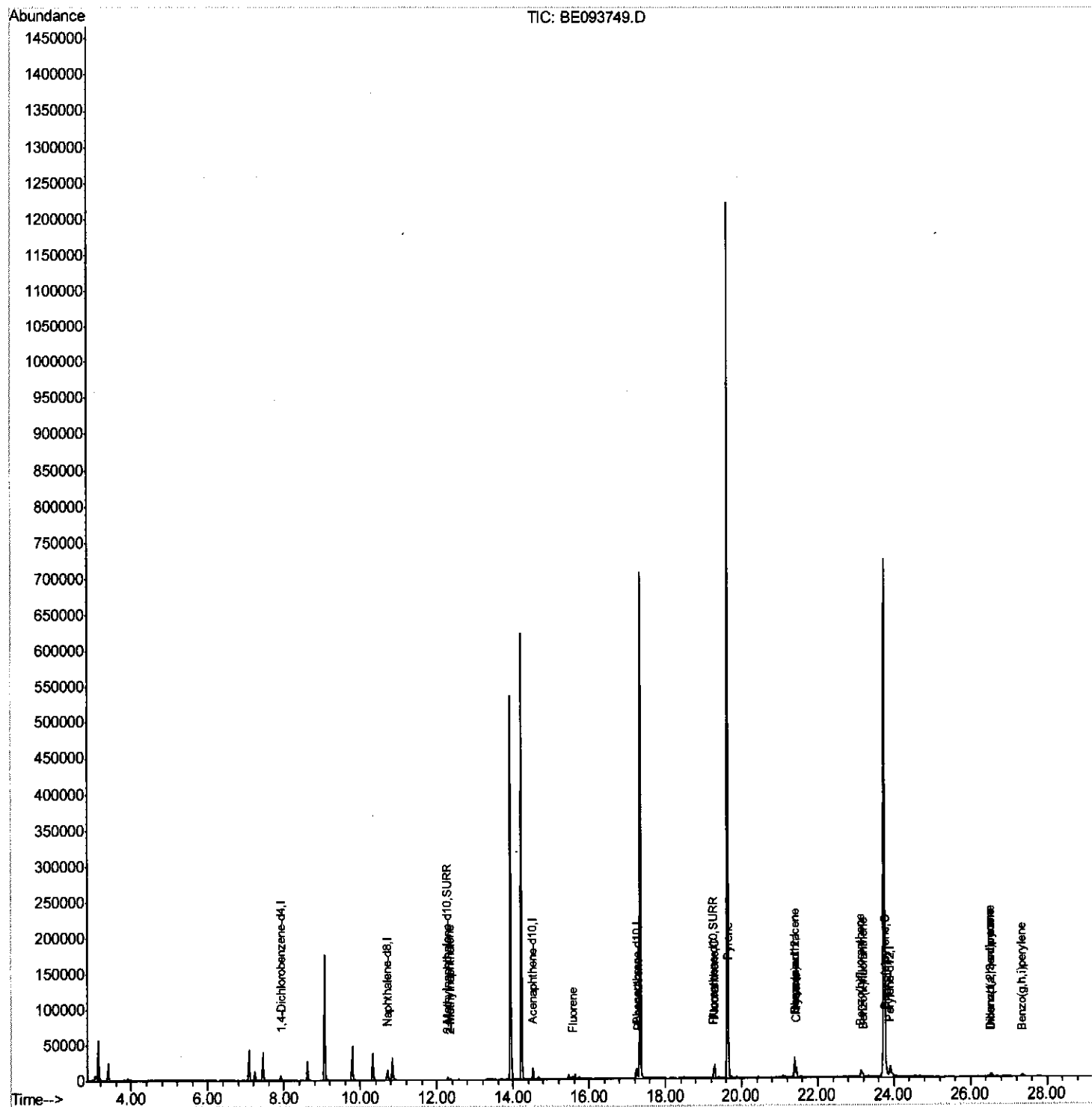
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093749.D
Acq On : 10 Aug 2017 15:52
Operator : SJ/JU
Sample : I4455-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AD5

Manual Integrations
APPROVED

sohil
8/14/2017 7:02:35 PM

Quant Time: Aug 11 18:08:55 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

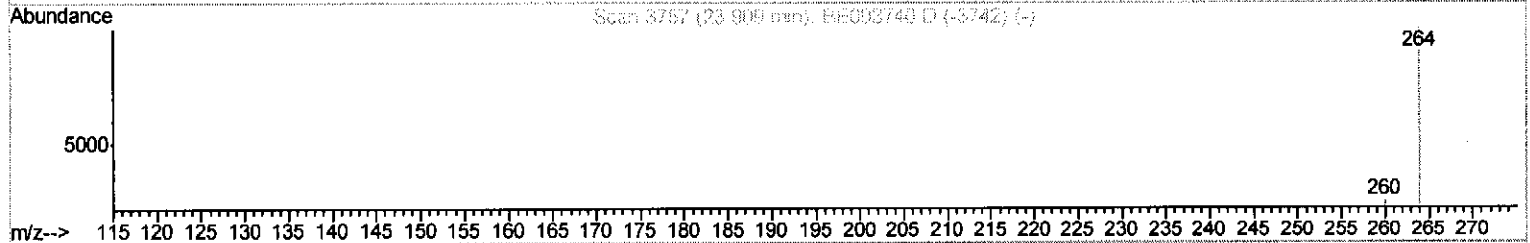
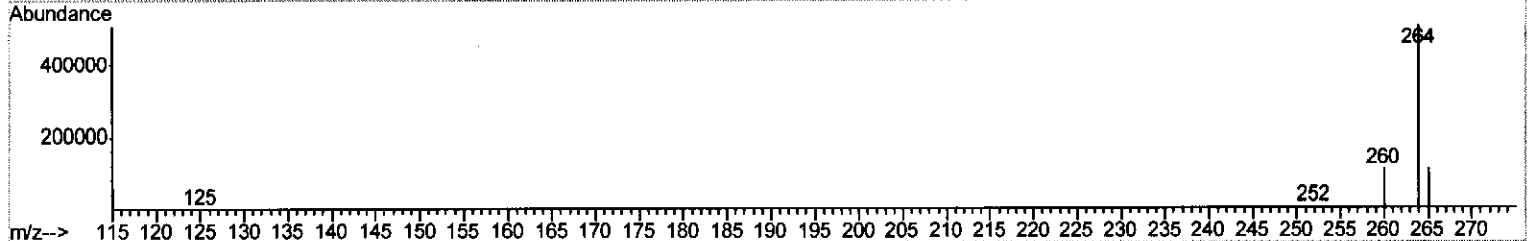
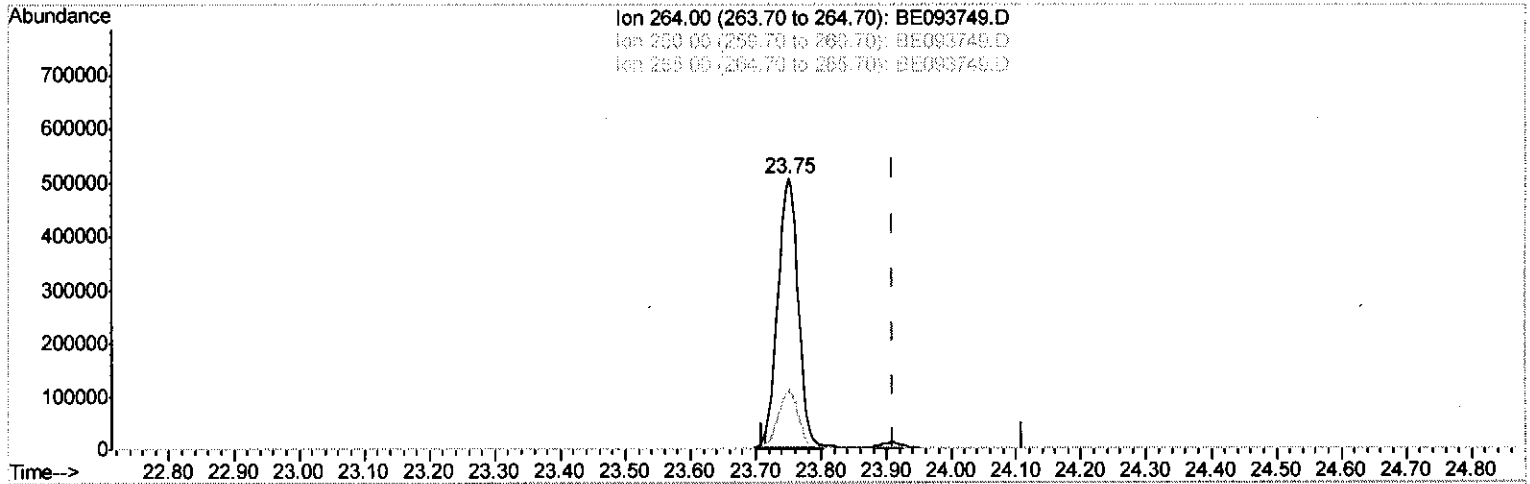
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093749.D
 Acq On : 10 Aug 2017 15:52
 Operator : SJ/JU
 Sample : I4455-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AD5

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:02:35 PM

Quant Time: Aug 11 17:30:00 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 06:07:04 2017
 Response via : Initial Calibration



TIC: BE093749.D

(20) Perylene-d12 (I)

23.751min (-0.159) 0.40ng/ul

response 1088715

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.30#
265.00	103.50	21.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

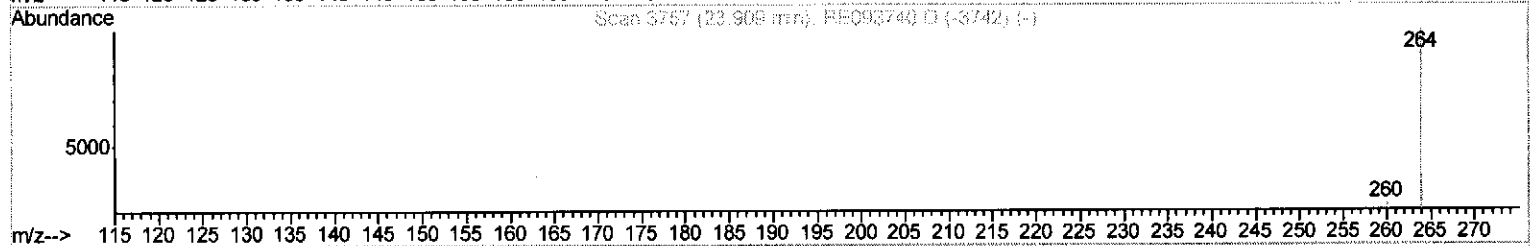
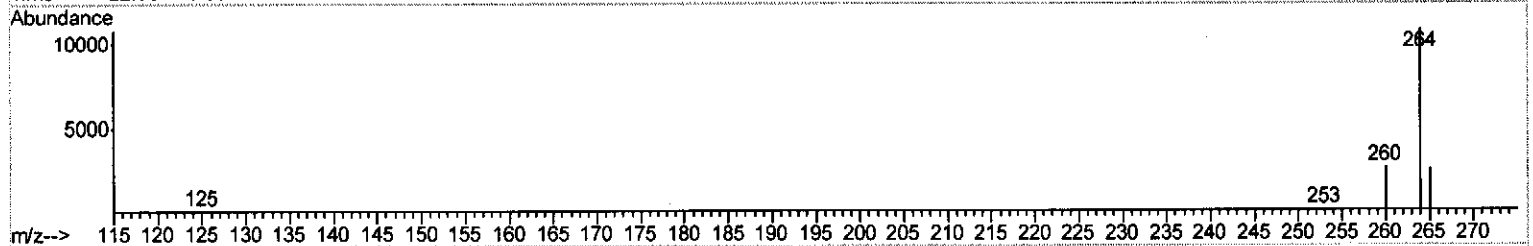
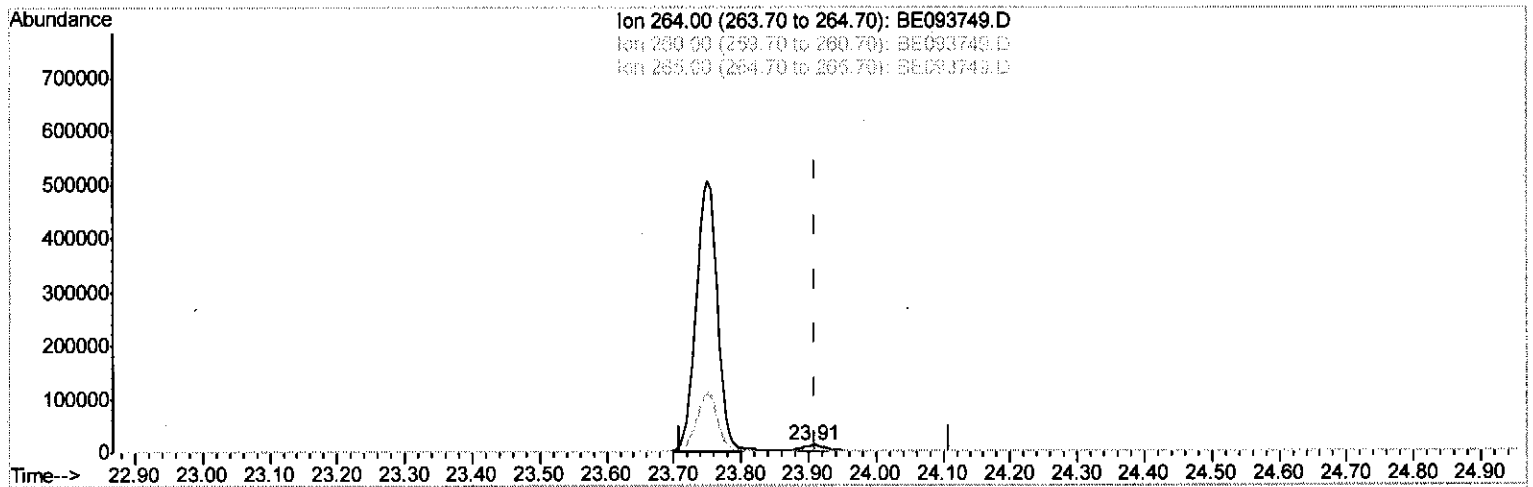
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093749.D
 Acq On : 10 Aug 2017 15:52
 Operator : SJ/JU
 Sample : I4455-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AD5

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:02:35 PM

Quant Time: Aug 11 17:30:00 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 06:07:04 2017
 Response via : Initial Calibration



TIC: BE093749.D

(20) Perylene-d12 (I)

23.906min (-0.004) 0.40ng/ul m

response 19478

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.06
265.00	103.50	24.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

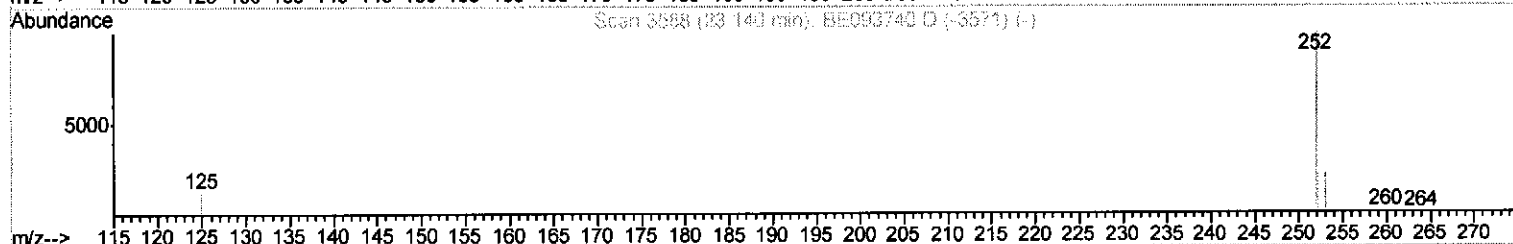
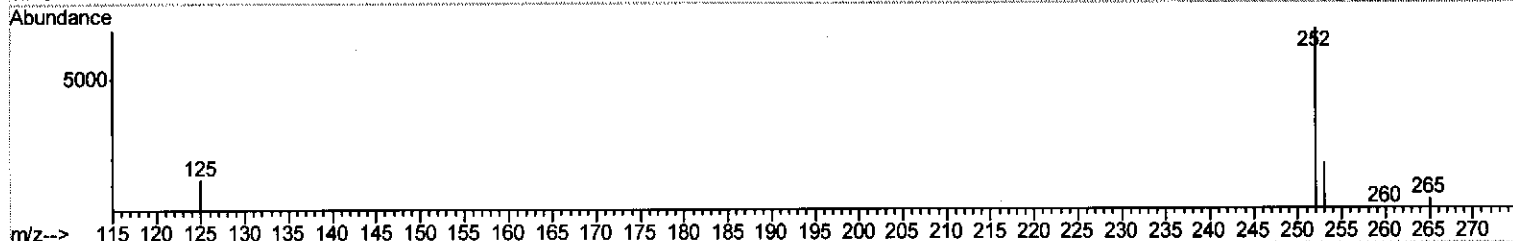
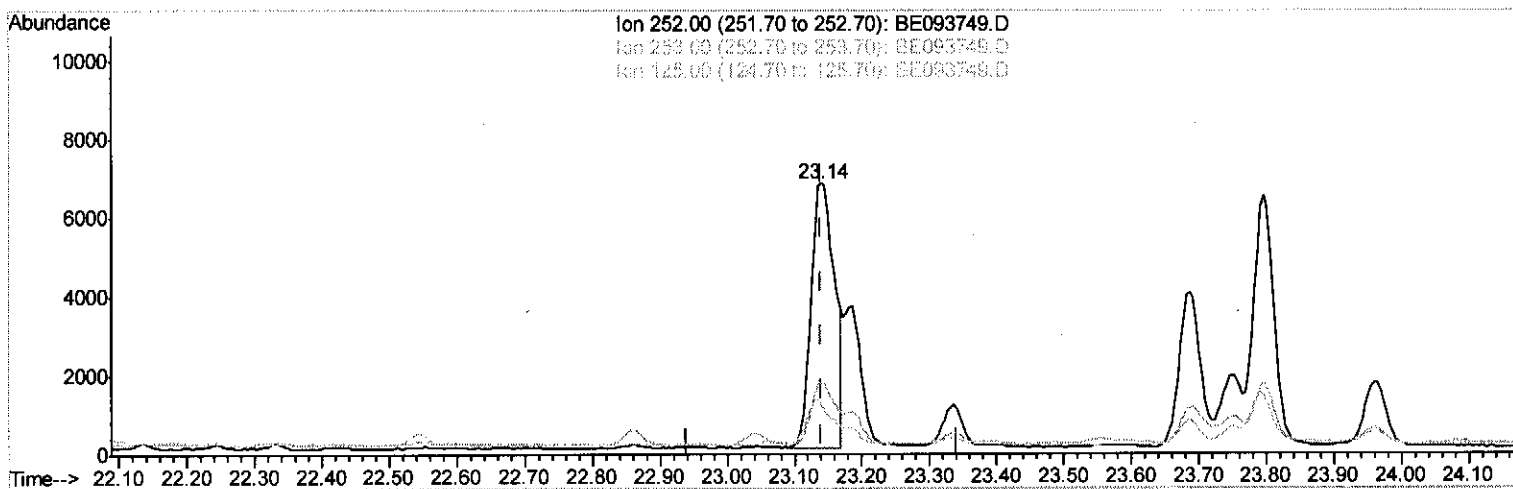
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093749.D
 Acq On : 10 Aug 2017 15:52
 Operator : SJ/JU
 Sample : I4455-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD5

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:02:35 PM

Quant Time: Aug 11 18:06:04 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 06:07:04 2017
 Response via : Initial Calibration



TIC: BE093749.D

(21) Benzo(b)fluoranthene

23.141min (+0.001) 0.27ng/ul

response 16065

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	26.29
125.00	17.50	17.92
0.00	0.00	0.00

Quantitation Report (Qedit)

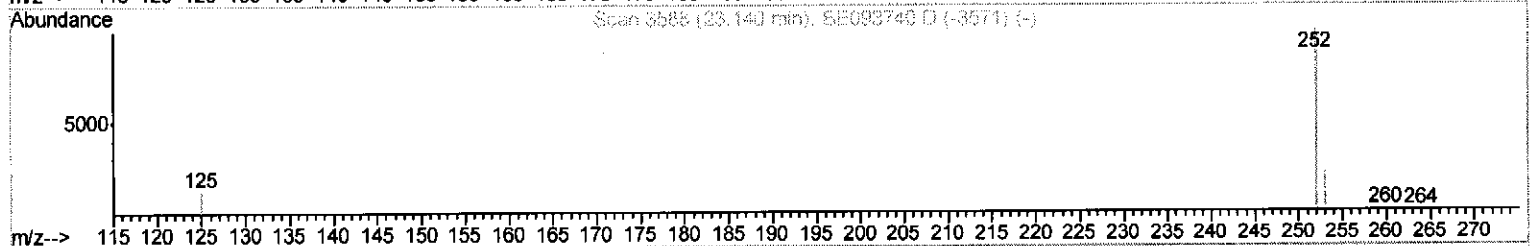
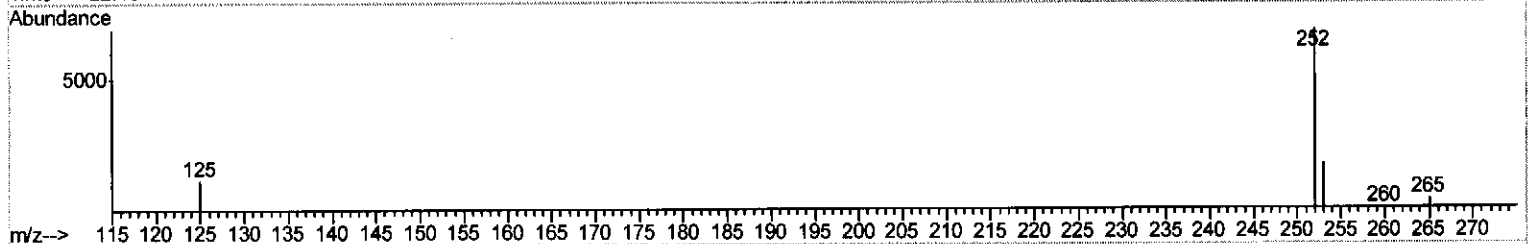
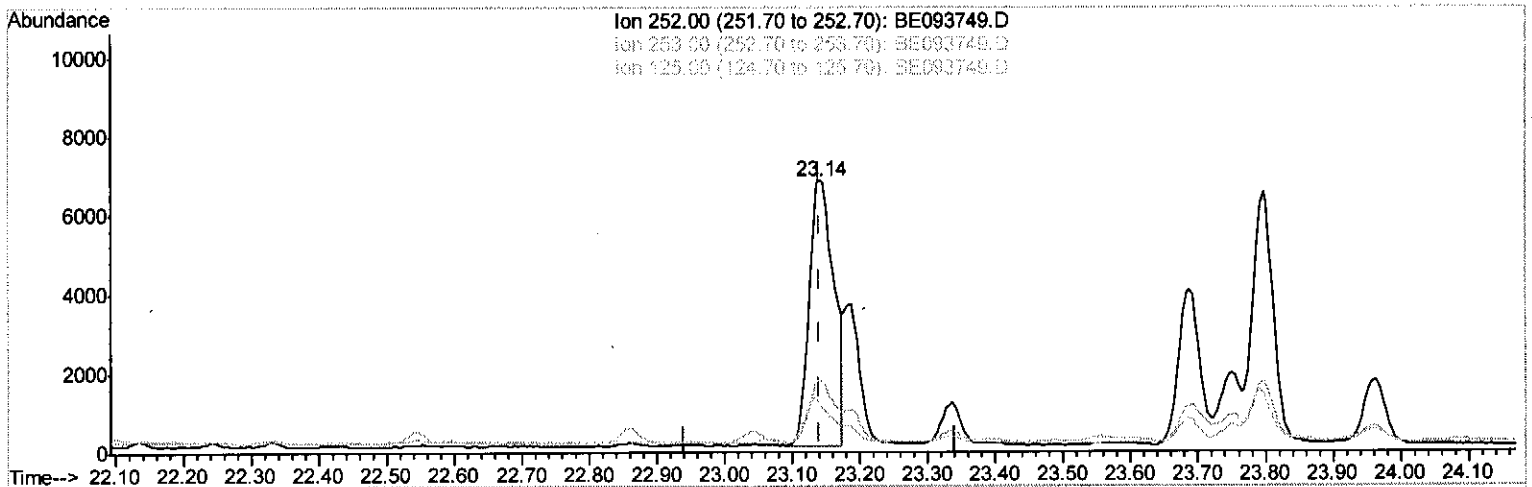
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093749.D
Acq On : 10 Aug 2017 15:52
Operator : SJ/JU
Sample : I4455-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AD5

Manual Integrations
APPROVED

sohil
8/14/2017 7:02:35 PM

Quant Time: Aug 11 18:06:04 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093749.D

(21) Benzo(b)fluoranthene

23.141min (+0.001) 0.28ng/ul m

response 17057

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	26.29
125.00	17.50	17.92
0.00	0.00	0.00

Quantitation Report (Qedit)

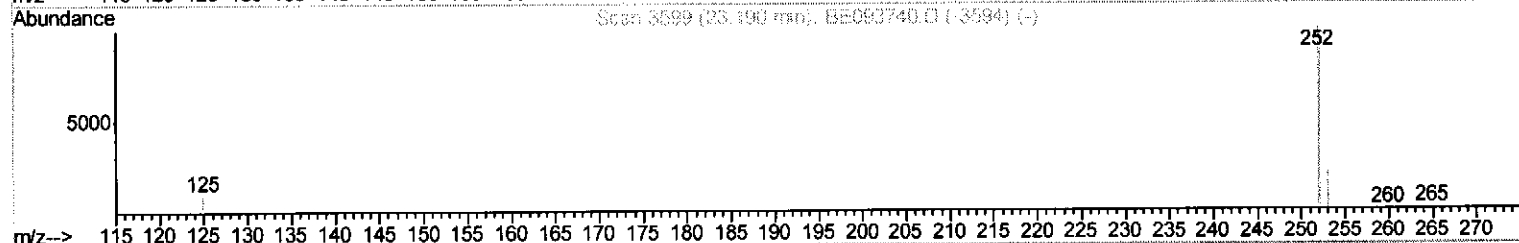
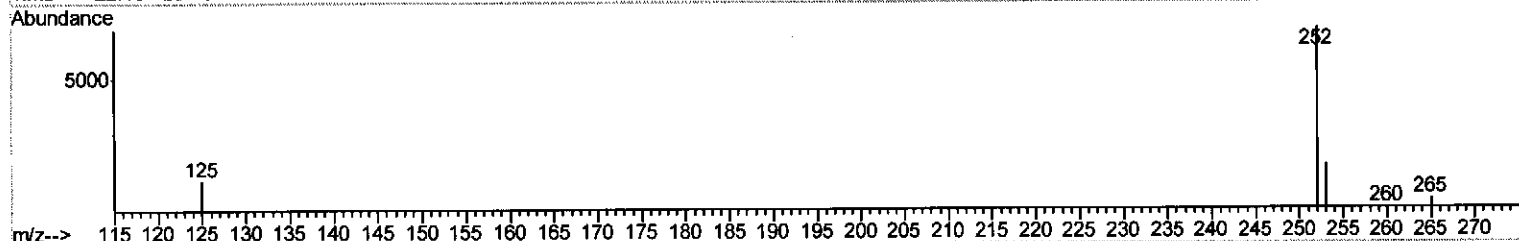
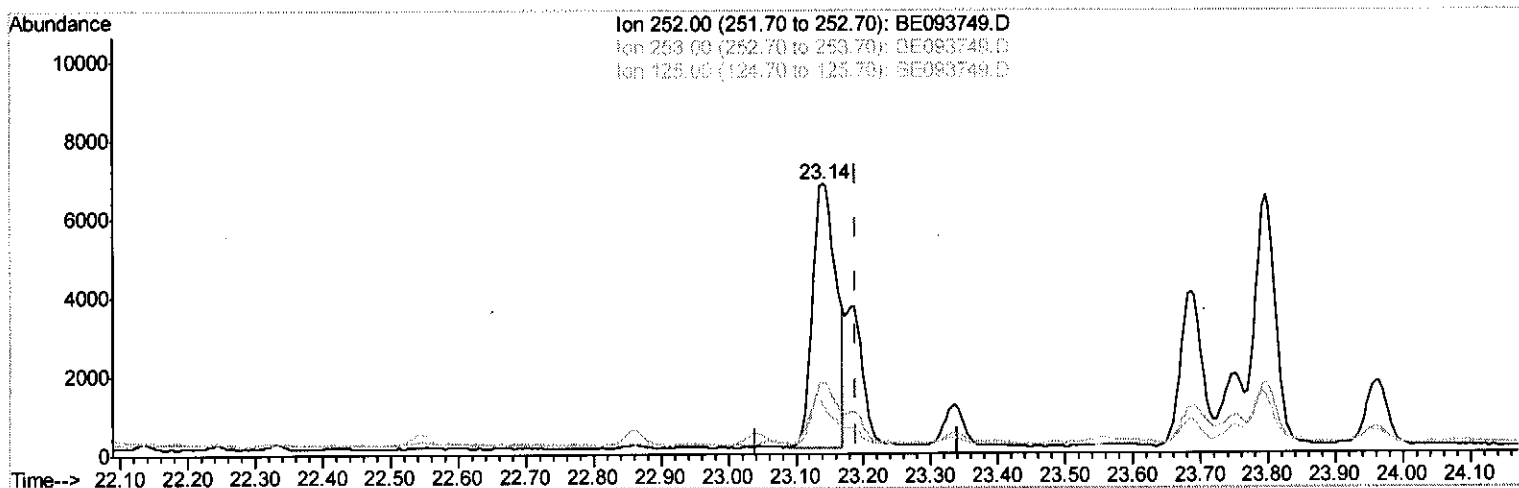
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093749.D
 Acq On : 10 Aug 2017 15:52
 Operator : SJ/JU
 Sample : I4455-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleID :
 C0AD5

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:02:35 PM

Quant Time: Aug 11 18:06:04 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 06:07:04 2017
 Response via : Initial Calibration



TIC: BE093749.D

(22) Benzo(k)fluoranthene

23.141min (-0.049) 0.27ng/ul

response 16065

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.29
125.00	17.10	17.92
0.00	0.00	0.00

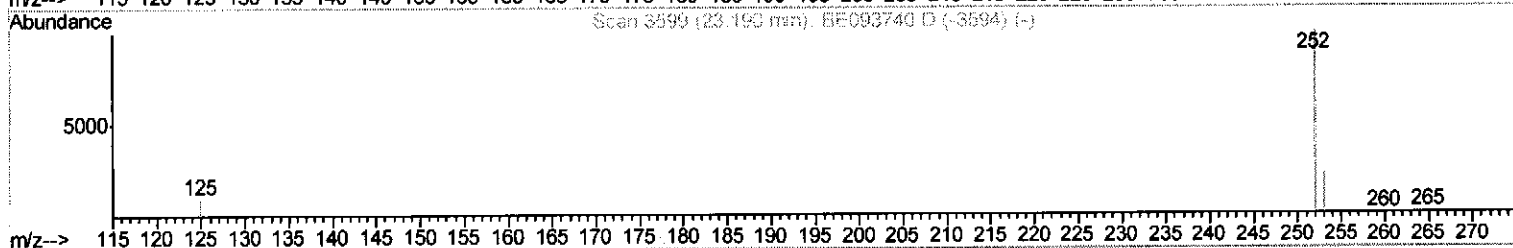
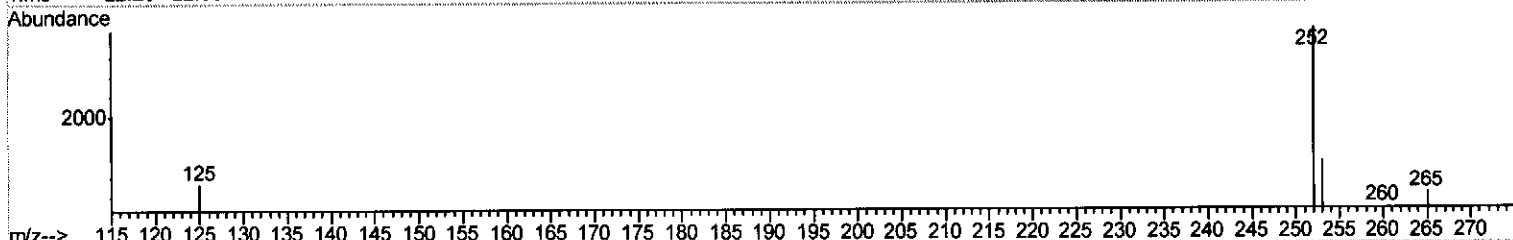
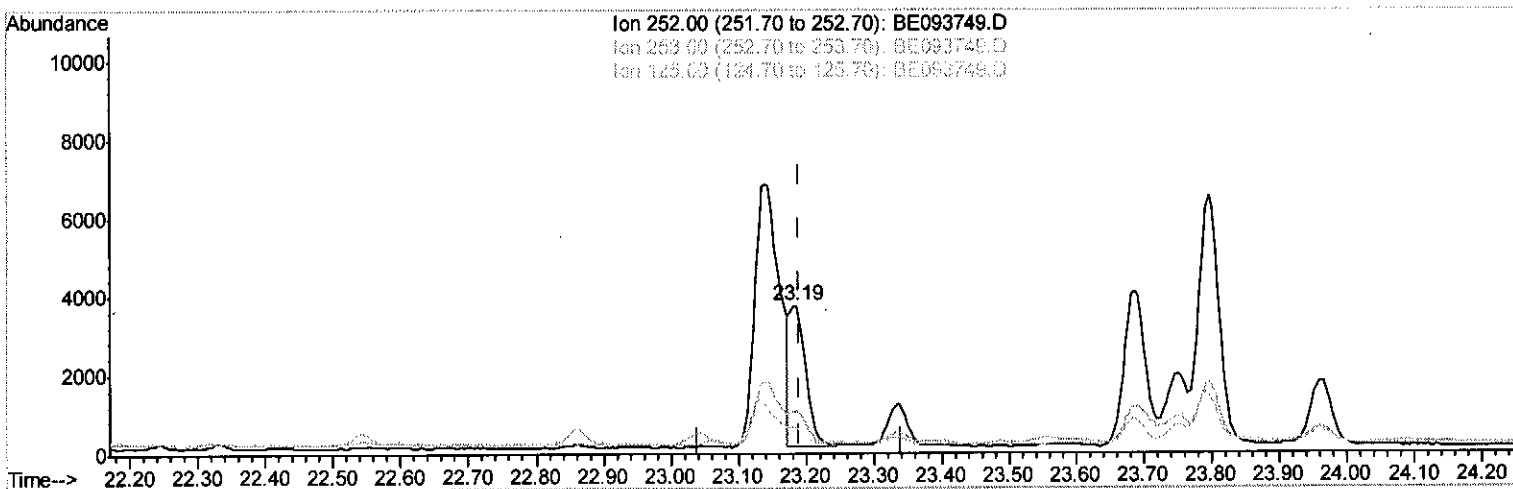
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093749.D
Acq On : 10 Aug 2017 15:52
Operator : SJ/JU
Sample : I4455-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AD5

Manual Integrations
APPROVED

sohil
8/14/2017 7:02:35 PM

Quant Time: Aug 11 18:06:04 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093749.D

(22) Benzo(k)fluoranthene

23.186min (-0.004) 0.10ng/ul m

response 5824

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.74
125.00	17.10	17.49
0.00	0.00	0.00

Quantitation Report (Qedit)

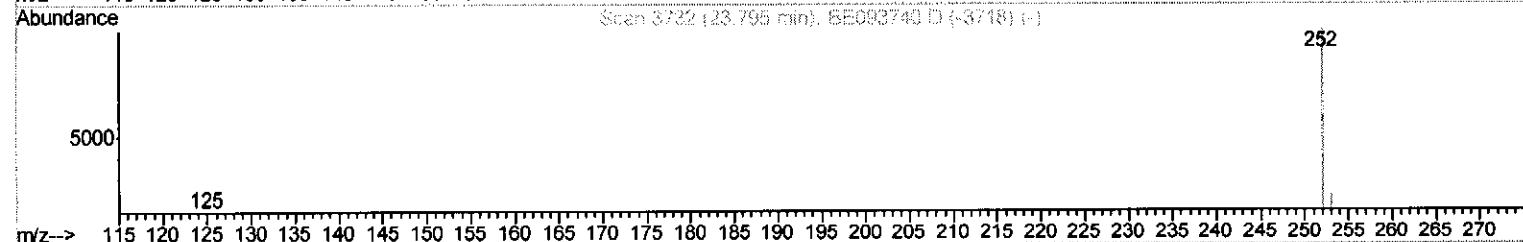
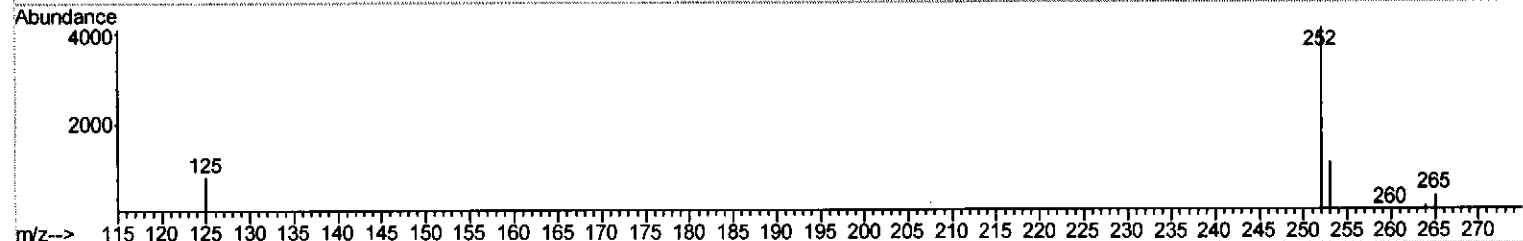
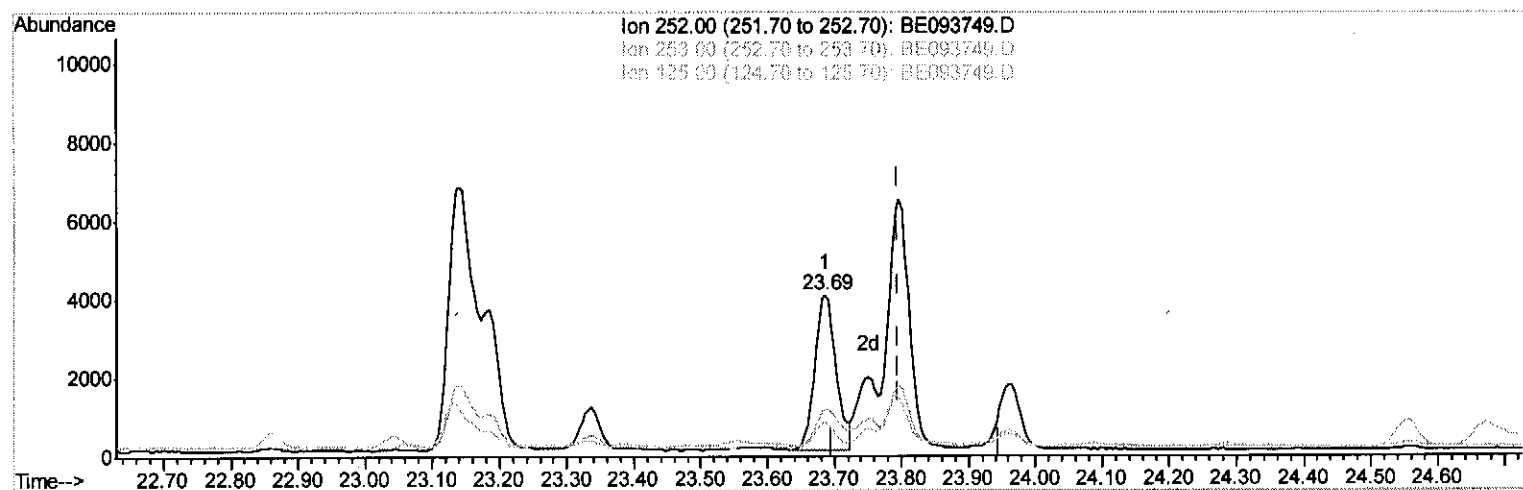
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093749.D
 Acq On : 10 Aug 2017 15:52
 Operator : SJ/JU
 Sample : I4455-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD5

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:02:35 PM

Quant Time: Aug 11 18:06:04 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 06:07:04 2017
 Response via : Initial Calibration



TIC: BE093749.D

(23) Benzo(a)pyrene (C)

23.687min (-0.109) 0.15ng/ul

response 8787

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	28.49
125.00	22.60	20.69
0.00	0.00	0.00

Quantitation Report (Qedit)

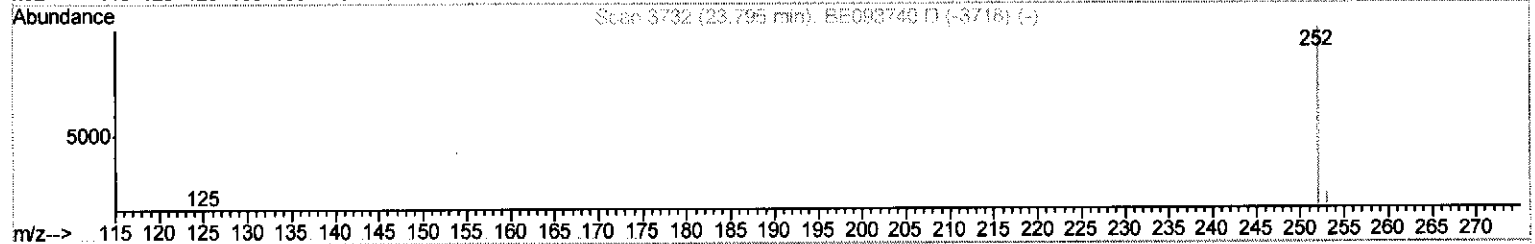
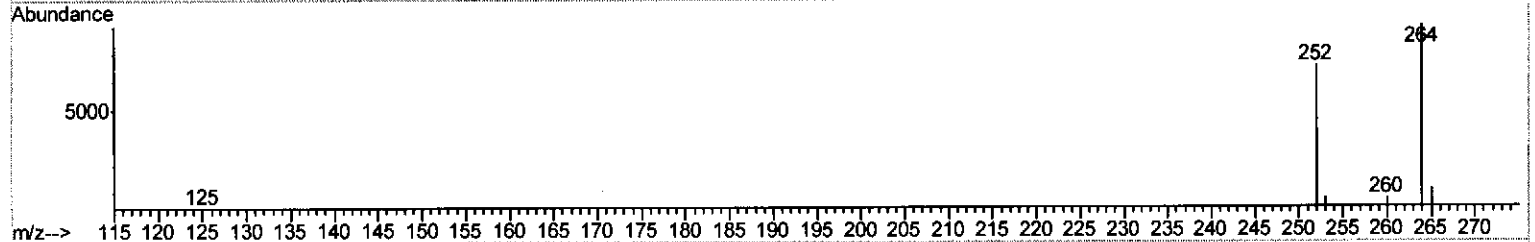
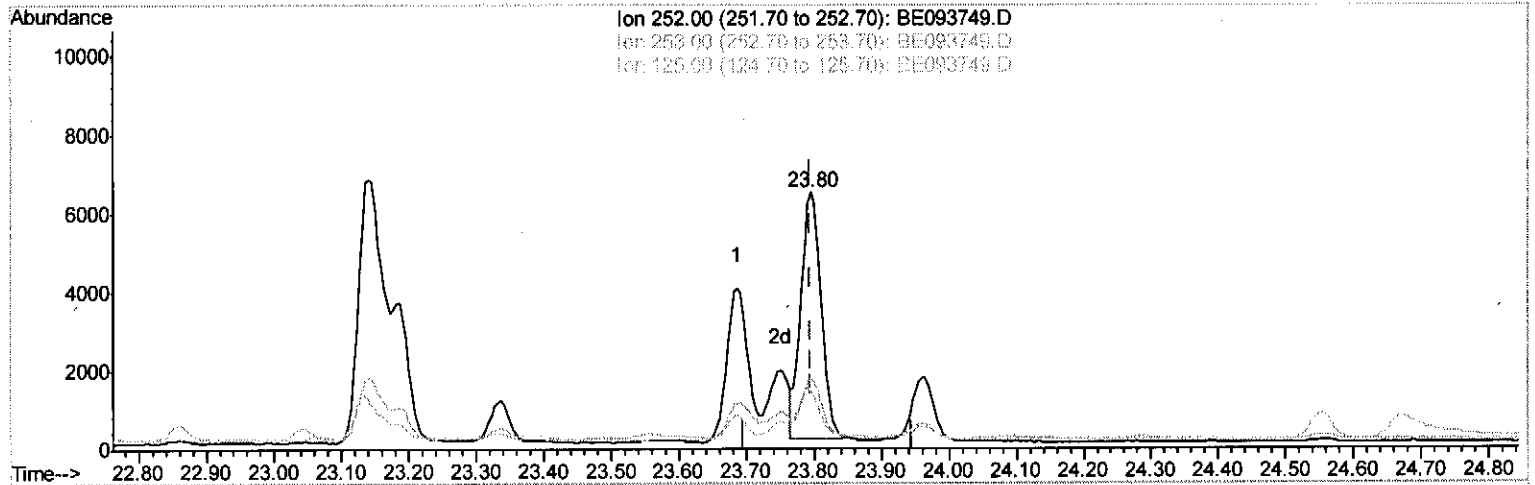
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093749.D
 Acq On : 10 Aug 2017 15:52
 Operator : SJ/JU
 Sample : I4455-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AD5

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:02:35 PM

Quant Time: Aug 11 18:06:04 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 06:07:04 2017
 Response via : Initial Calibration



TIC: BE093749.D

(23) Benzo(a)pyrene (C)

23.796min (+0.001) 0.23ng/ul m

response 13127

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	27.07#
125.00	22.60	22.56
0.00	0.00	0.00

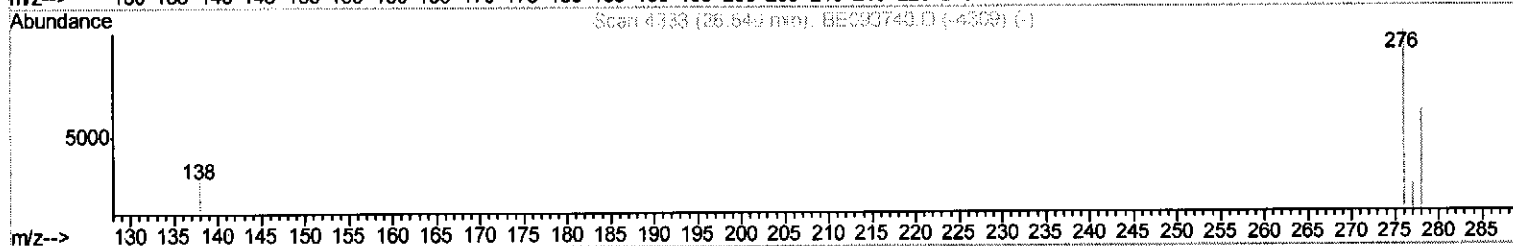
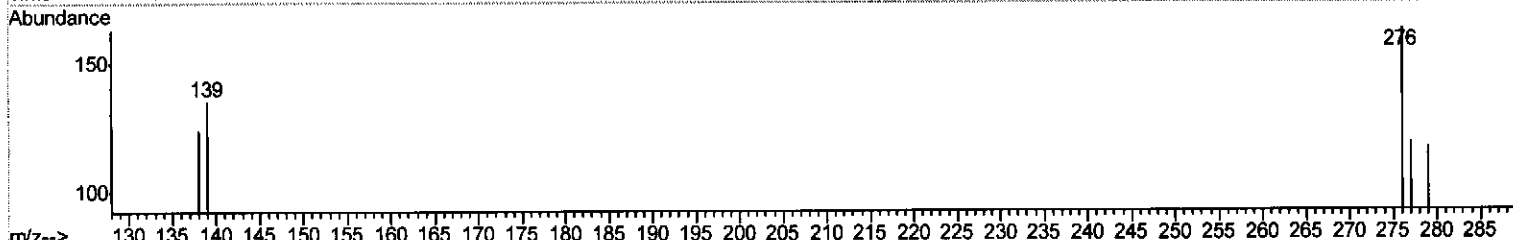
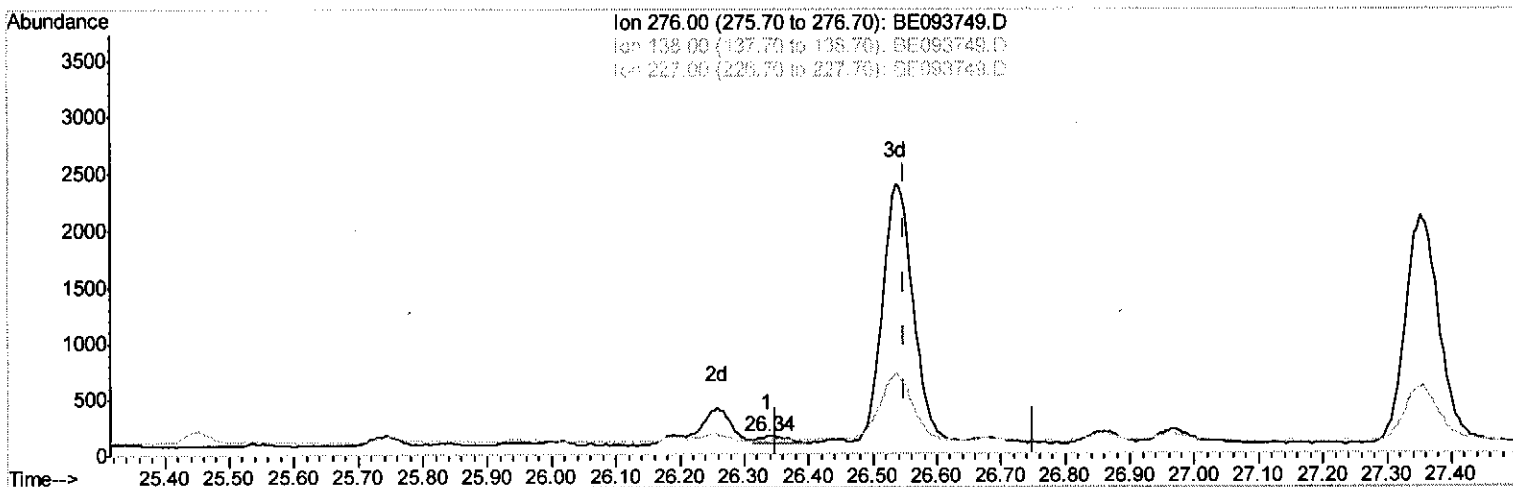
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093749.D
Acq On : 10 Aug 2017 15:52
Operator : SJ/JU
Sample : I4455-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD5

Manual Integrations
APPROVED

sohil
8/14/2017 7:02:35 PM

Quant Time: Aug 11 18:06:04 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093749.D

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

26.336min (-0.214) 0.00ng/ul

response 193

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

Quantitation Report (Qedit)

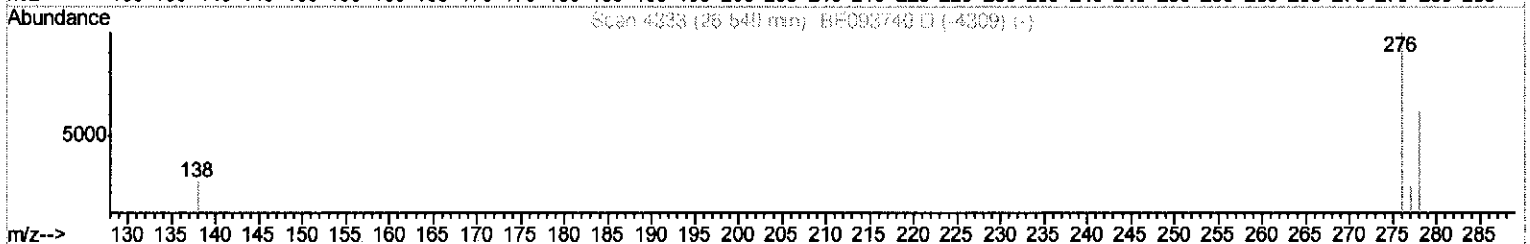
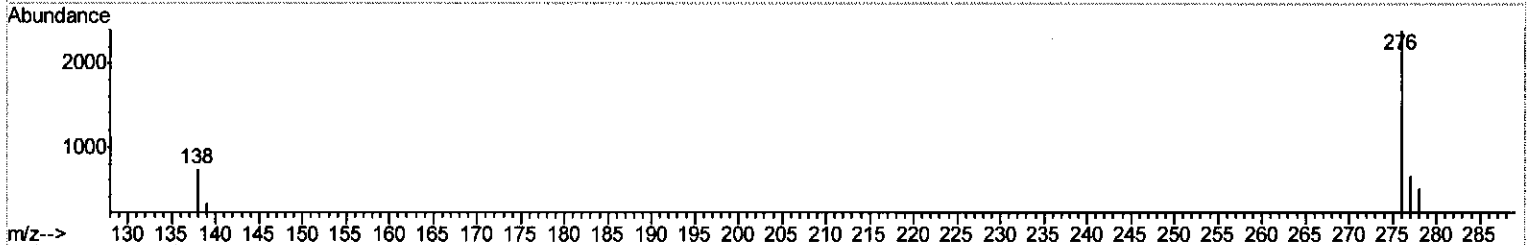
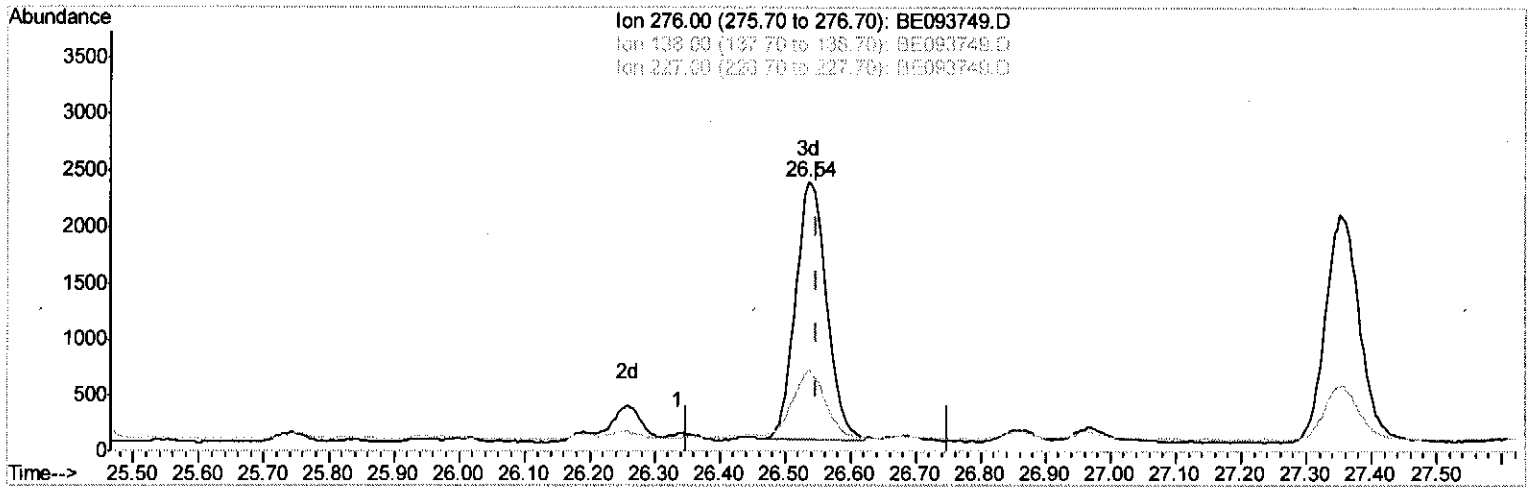
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093749.D
 Acq On : 10 Aug 2017 15:52
 Operator : SJ/JU
 Sample : I4455-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD5

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:02:35 PM

Quant Time: Aug 11 18:06:04 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 06:07:04 2017
 Response via : Initial Calibration



TIC: BE093749.D

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

26.536min (-0.013) 0.12ng/ul m

response 7618

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

Quantitation Report (Qedit)

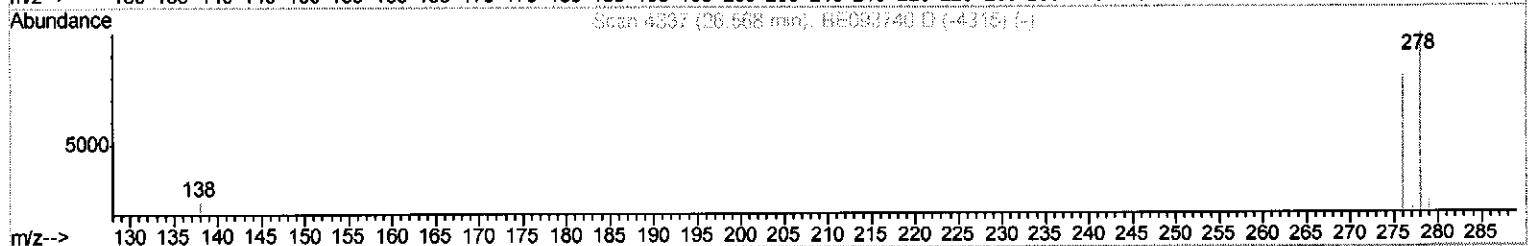
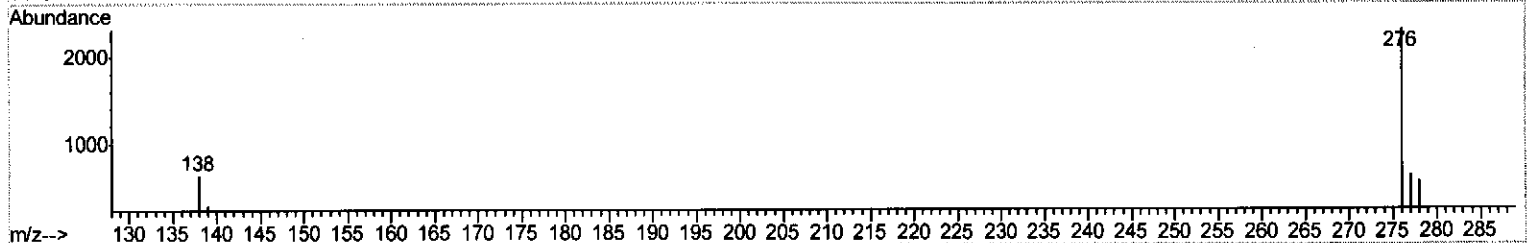
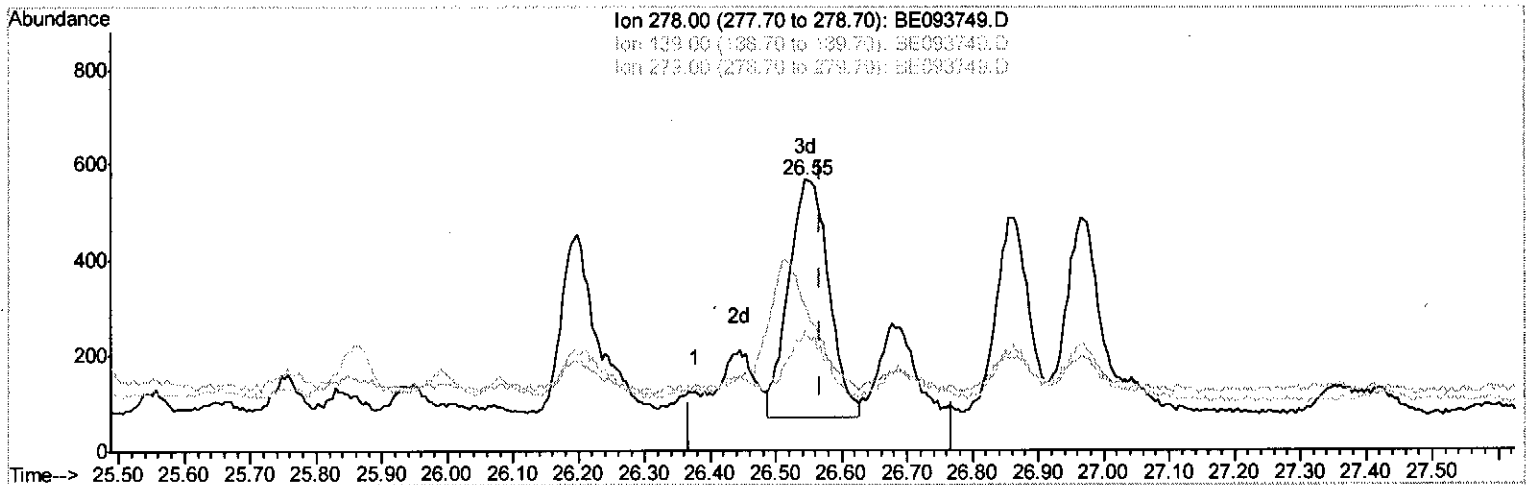
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093749.D
Acq On : 10 Aug 2017 15:52
Operator : SJ/JU
Sample : I4455-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD5

Manual Integrations
APPROVED

sohil
8/14/2017 7:02:35 PM

Quant Time: Aug 11 18:06:04 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093749.D

(25) Dibenzo(a,h)anthracene

26.545min (-0.022) 0.04ng/ul m

response 2127

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	53.97#
279.00	32.40	43.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

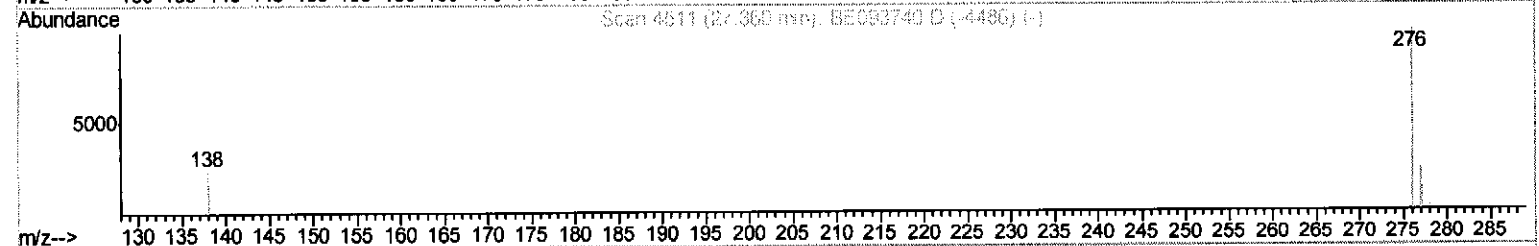
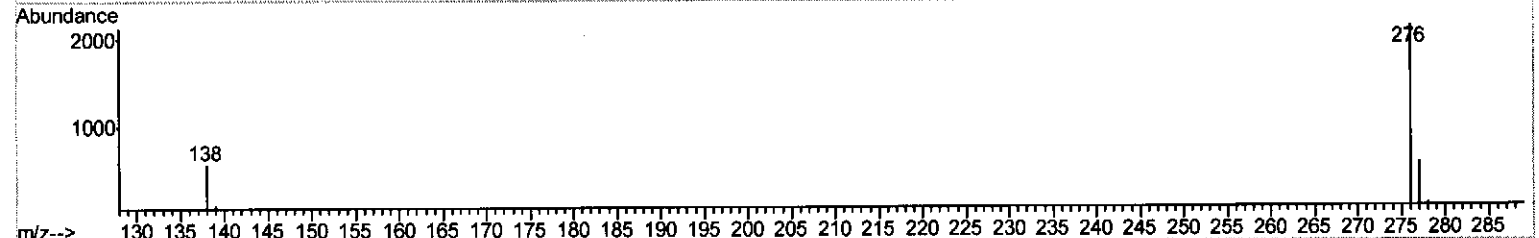
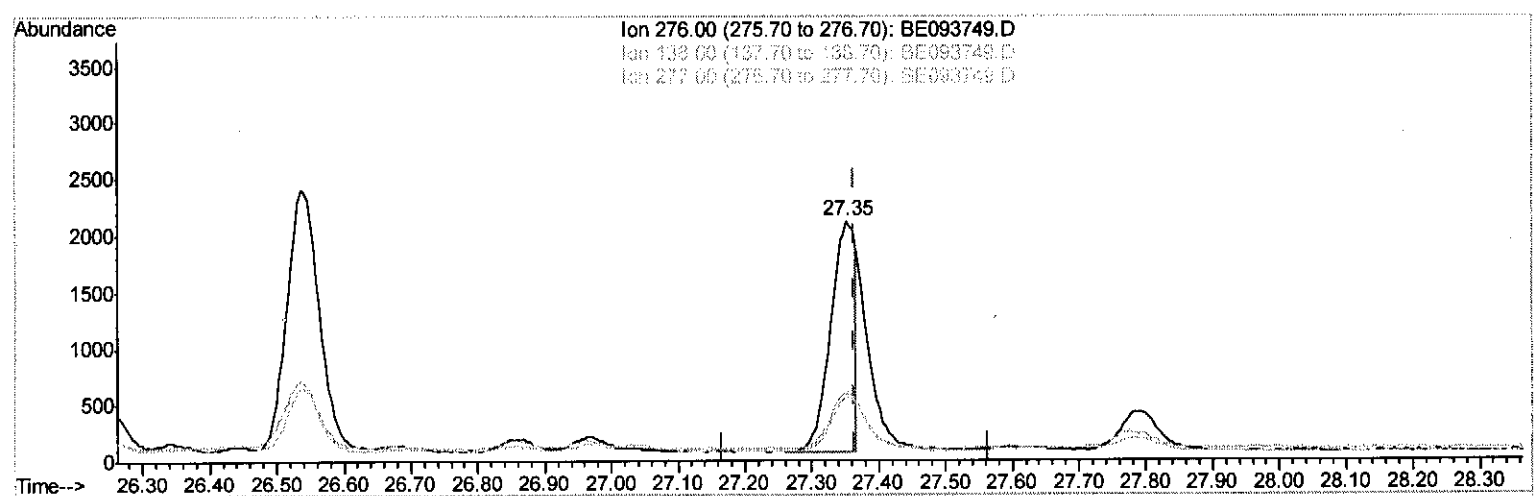
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093749.D
 Acq On : 10 Aug 2017 15:52
 Operator : SJ/JU
 Sample : I4455-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD5

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:02:35 PM

Quant Time: Aug 11 18:06:04 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 06:07:04 2017
 Response via : Initial Calibration



TIC: BE093749.D

(26) Benzo(g,h,i)perylene
 27.352min (-0.013) 0.10ng/ul
 response 5097

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	27.30
277.00	25.60	27.72
0.00	0.00	0.00

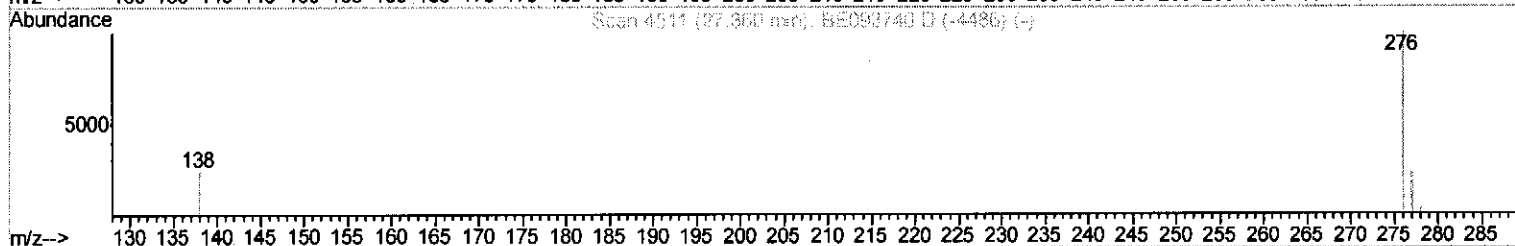
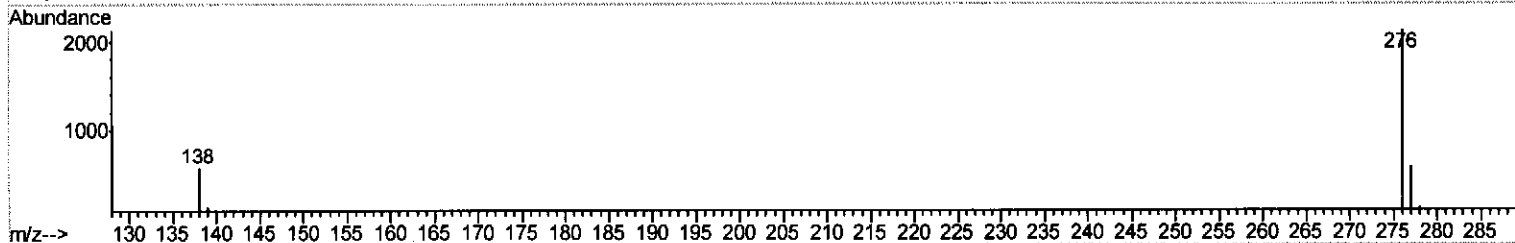
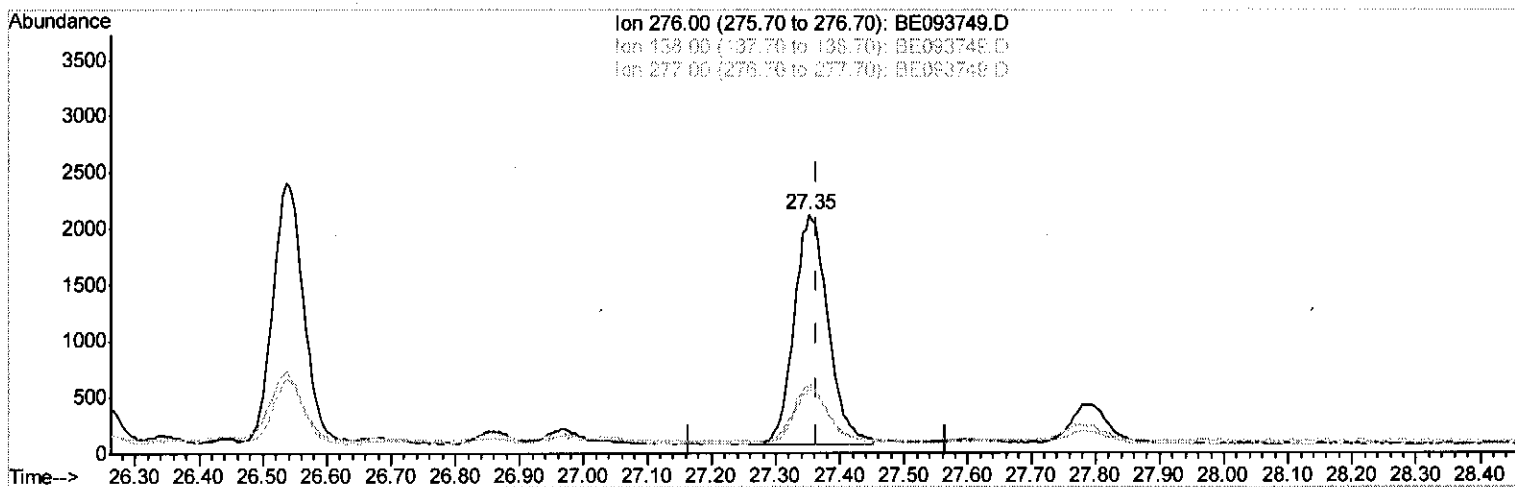
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093749.D
Acq On : 10 Aug 2017 15:52
Operator : SJ/JU
Sample : I4455-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleID :
C0AD5

Manual Integrations
APPROVED

sohil
8/14/2017 7:02:35 PM

Quant Time: Aug 11 18:06:04 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093749.D

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

27.352min (-0.013) 0.14ng/ul m

response 7530

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	27.30
277.00	25.60	27.72
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093749.D
 Acq On : 10 Aug 2017 15:52
 Operator : SJ/JU
 Sample : I4455-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD5

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:02:35 PM

Quant Time: Aug 11 18:08:55 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 06:07:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2923	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	14847	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8933	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	20388	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	23190	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19478m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	4973	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	14642	0.23	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) 2-Methylnaphthalene	12.36	142	1297	0.049	ng/ul	99
9) Fluorene	15.57	166	1435	0.039	ng/ul#	89
12) Phenanthrene	17.29	178	6320	0.114	ng/ul	92
15) Fluoranthene	19.30	202	21313	0.307	ng/ul	84
17) Pyrene	19.66	202	26394	0.390	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	15034	0.224	ng/ul#	88
19) Chrysene	21.45	228	14868	0.231	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	17057m	0.283	ng/ul	8/14/17
22) Benzo(k)fluoranthene	23.19	252	5824m	0.098	ng/ul	
23) Benzo(a)pyrene	23.80	252	13127m	0.229	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.54	276	7618m	0.120	ng/ul	
25) Dibenzo(a,h)anthracene	26.55	278	2127m	0.040	ng/ul	
26) Benzo(g,h,i)perylene	27.35	276	7530m	0.141	ng/ul	

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