

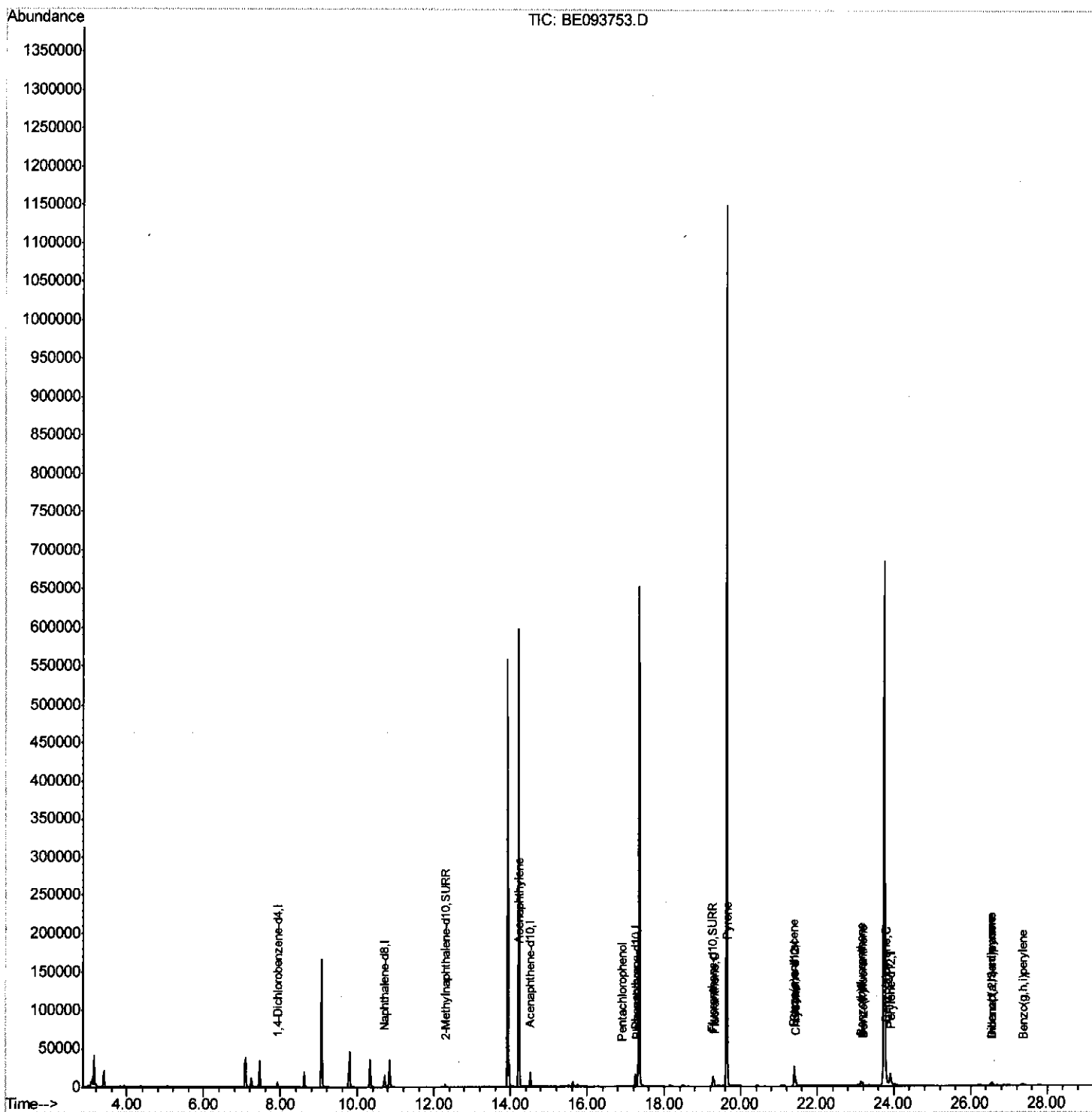
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093753.D
Acq On : 10 Aug 2017 19:00
Operator : SJ/JU
Sample : I4455-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AG2

Manual Integrations
APPROVED

sohil
8/14/2017 7:03:09 PM

Quant Time: Aug 11 18:21:31 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)

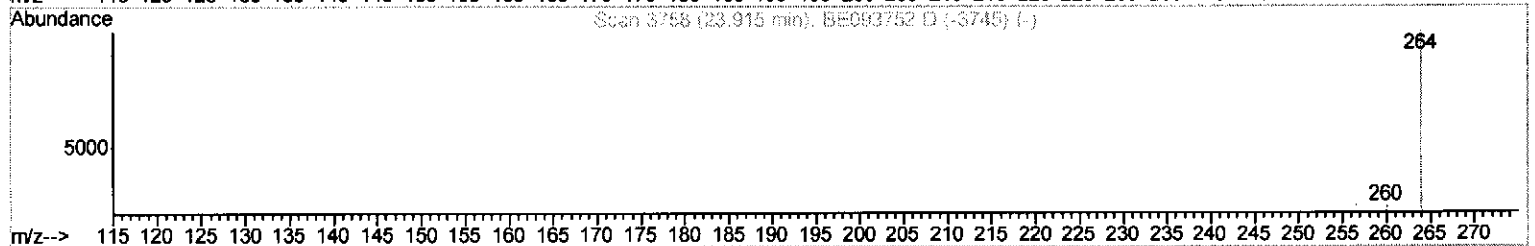
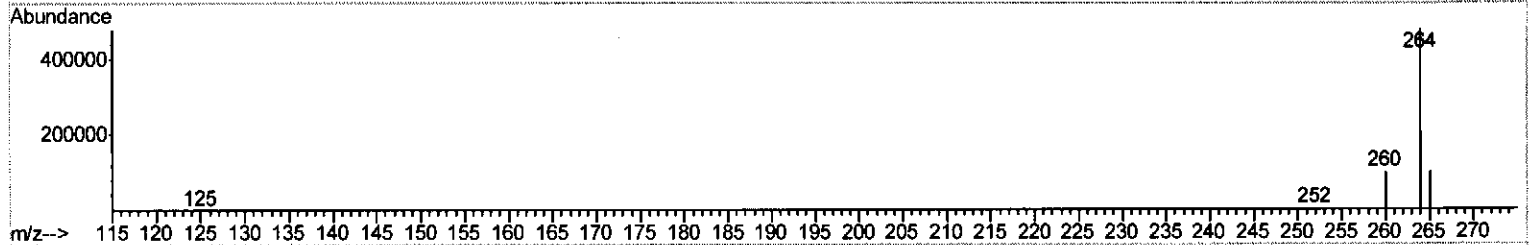
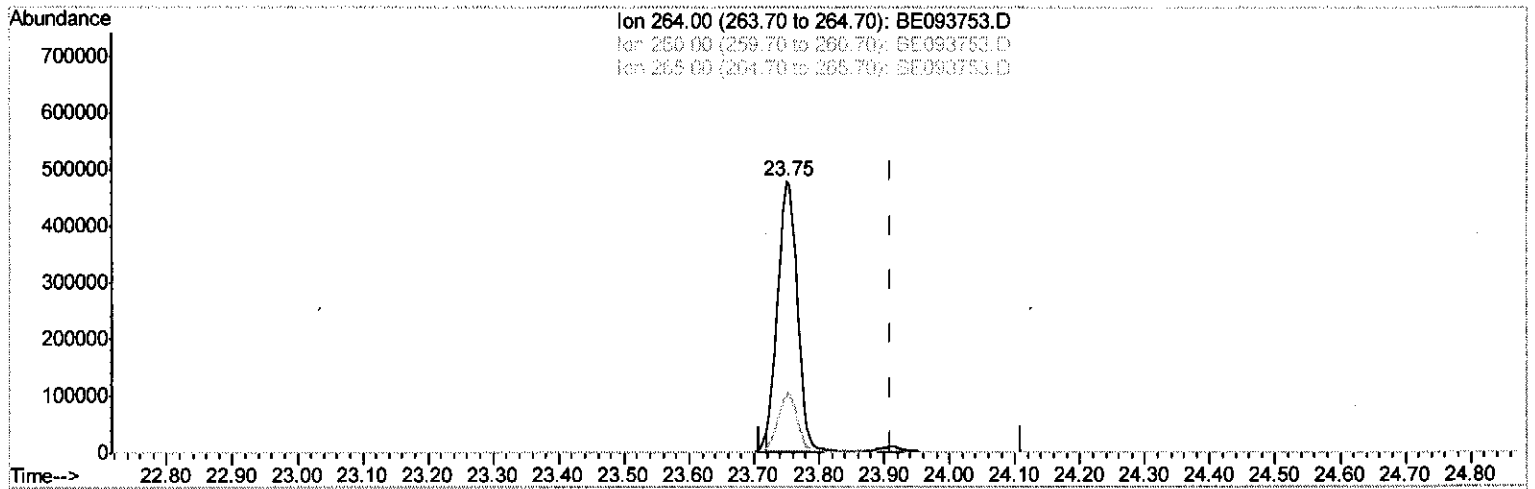
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093753.D
 Acq On : 10 Aug 2017 19:00
 Operator : SJ/JU
 Sample : I4455-03
 Misc :
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Instrument :
 BNA_E
 ClientSampleId :
 C0AG2

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:03:09 PM

Quant Time: Aug 11 17:30:20 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: BE093753.D

(20) Perylene-d12 (I)
 23.750min (-0.159) 0.40ng/ul
 response 1000316

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.97#
265.00	103.50	21.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

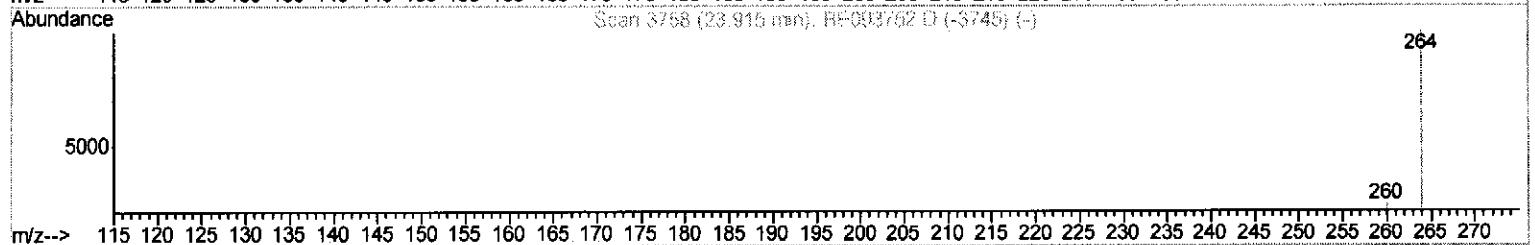
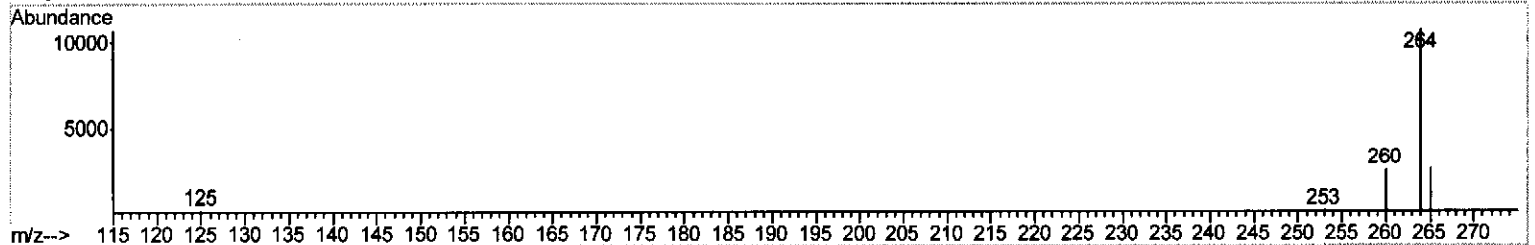
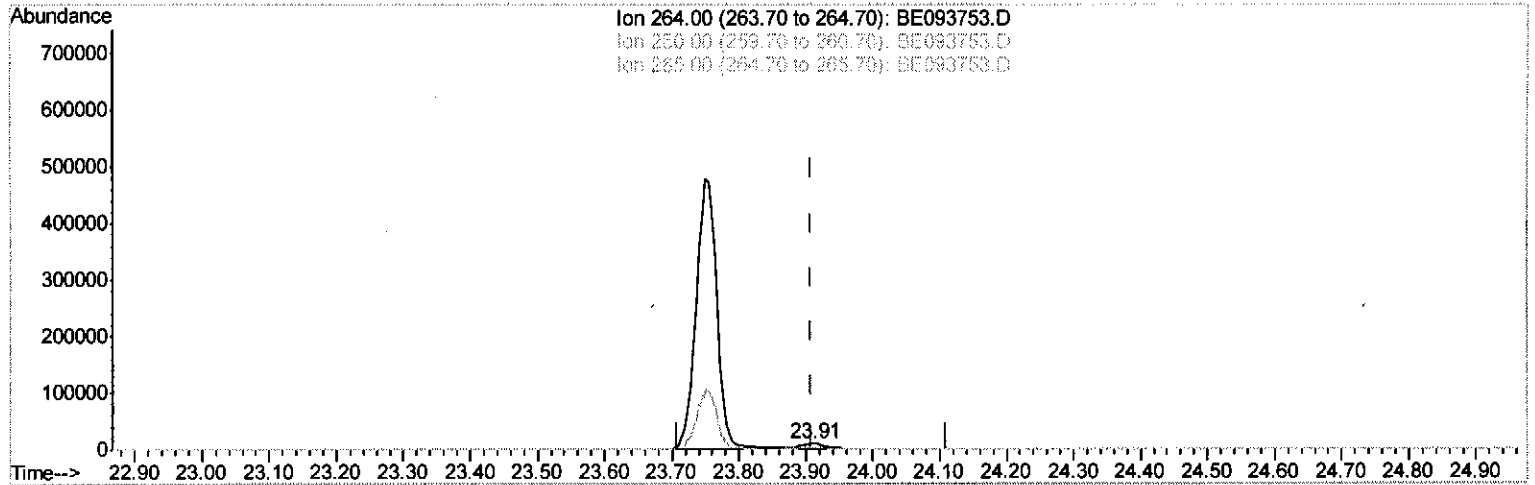
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093753.D
 Acq On : 10 Aug 2017 19:00
 Operator : SJ/JU
 Sample : I4455-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG2

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:03:09 PM

Quant Time: Aug 11 17:30:20 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: BE093753.D

(20) Perylene-d12 (I)

23.910min (+0.000) 0.40ng/ul m *JAN 8/14/17*

response 19422

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.13
265.00	103.50	24.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

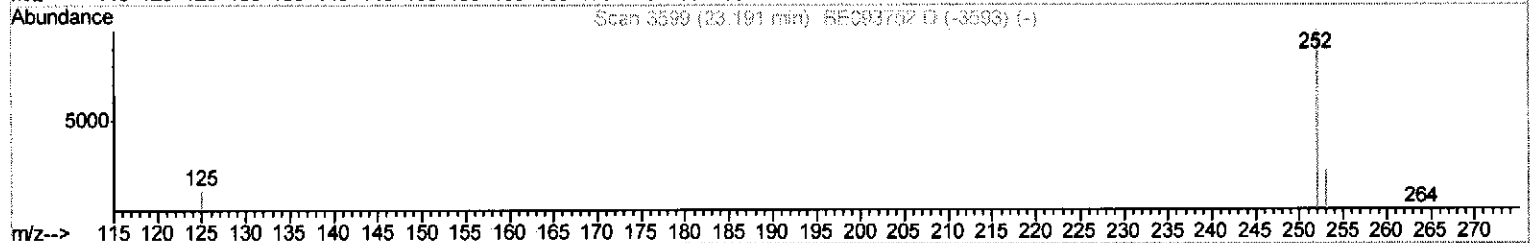
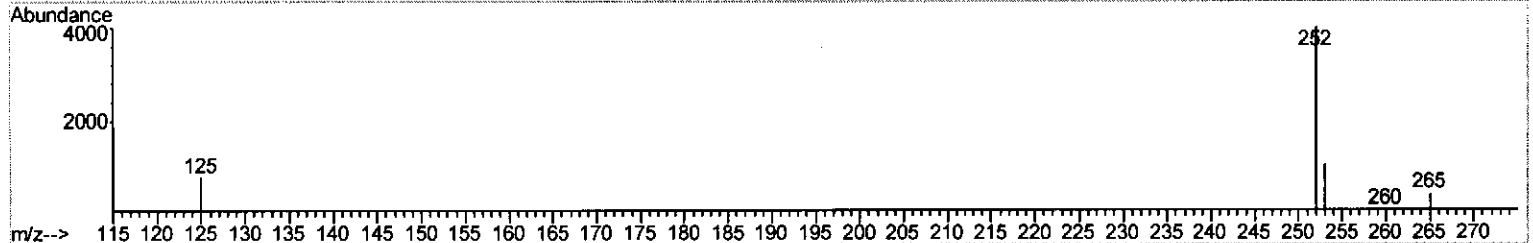
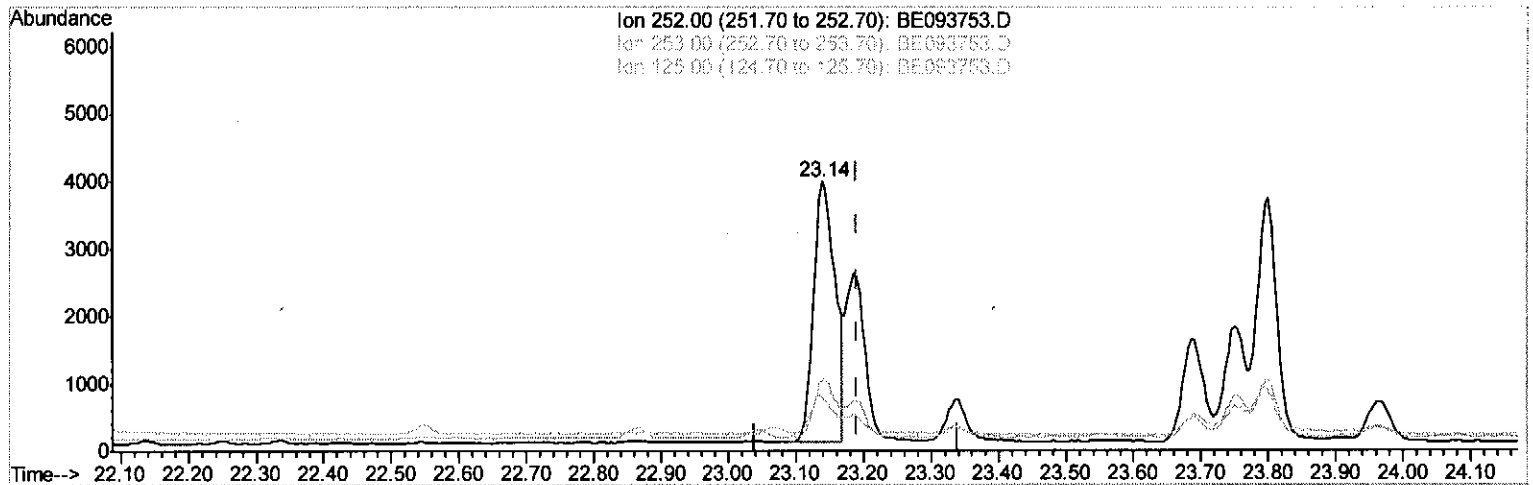
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093753.D
 Acq On : 10 Aug 2017 19:00
 Operator : SJ/JU
 Sample : I4455-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Manual Integrations
 APPROVED

sohil
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Quant Time: Aug 11 18:19:24 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
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TIC: BE093753.D

(22) Benzo(k)fluoranthene

23.140min (-0.050) 0.14ng/ul

response 8540

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.98
125.00	17.10	19.72
0.00	0.00	0.00

Quantitation Report (Qedit)

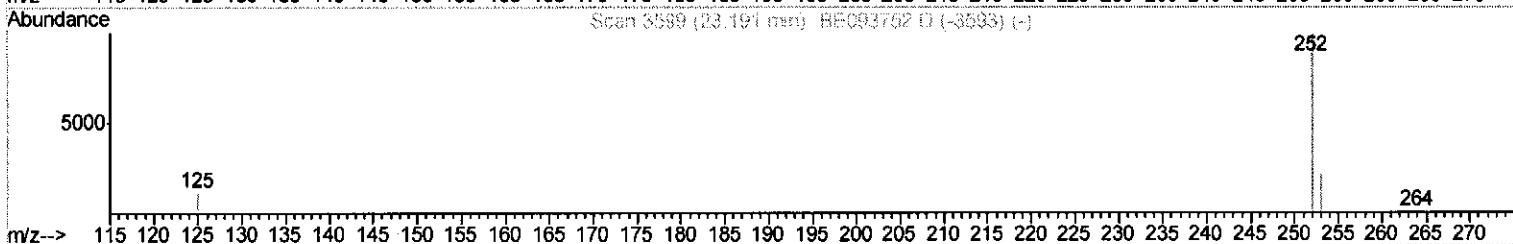
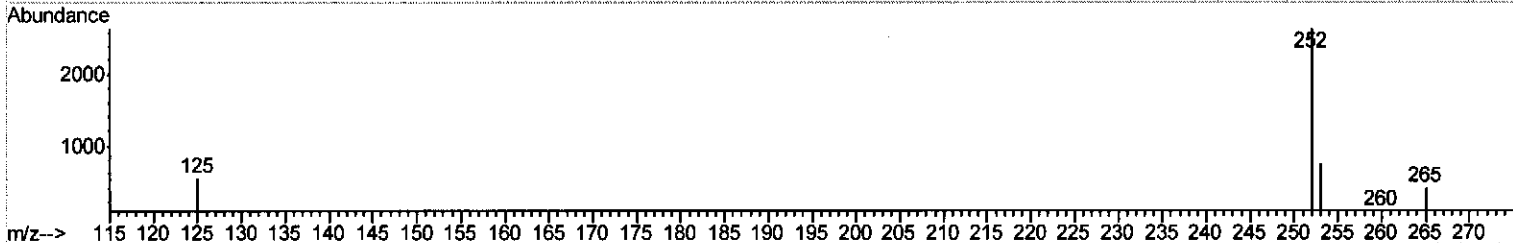
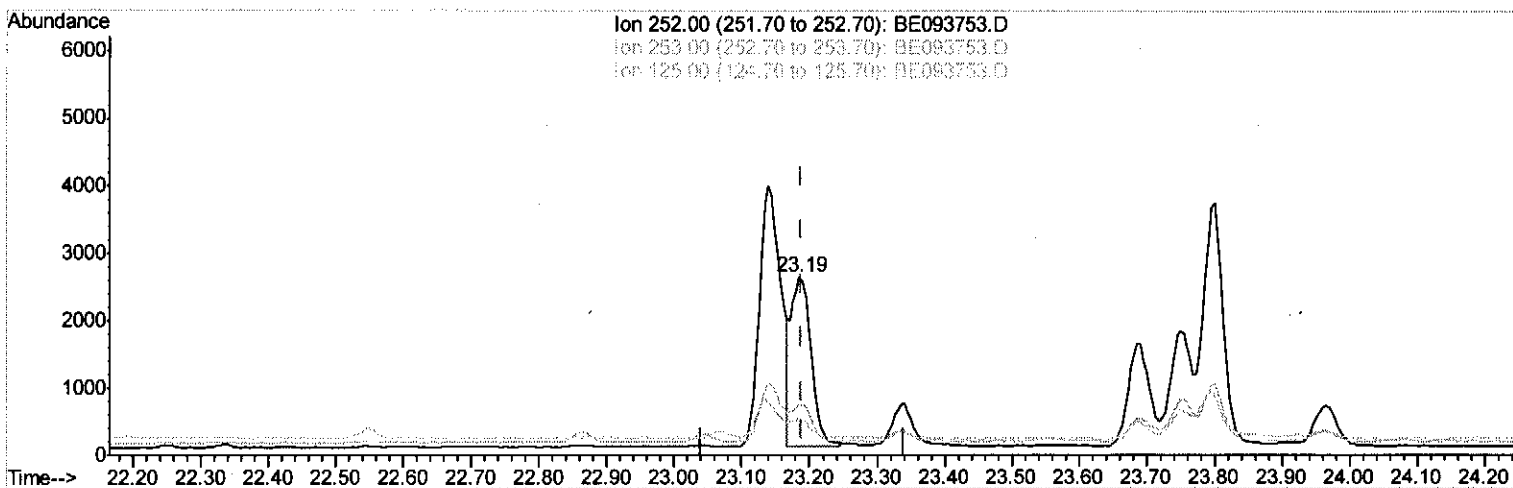
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093753.D
 Acq On : 10 Aug 2017 19:00
 Operator : SJ/JU
 Sample : I4455-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AG2

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:03:09 PM

Quant Time: Aug 11 18:19:24 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: BE093753.D

(22) Benzo(k)fluoranthene

23.185min (-0.004) 0.09ng/ul m

JLU 8/14/17

response 5072

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.31
125.00	17.10	20.33
0.00	0.00	0.00

Quantitation Report (Qedit)

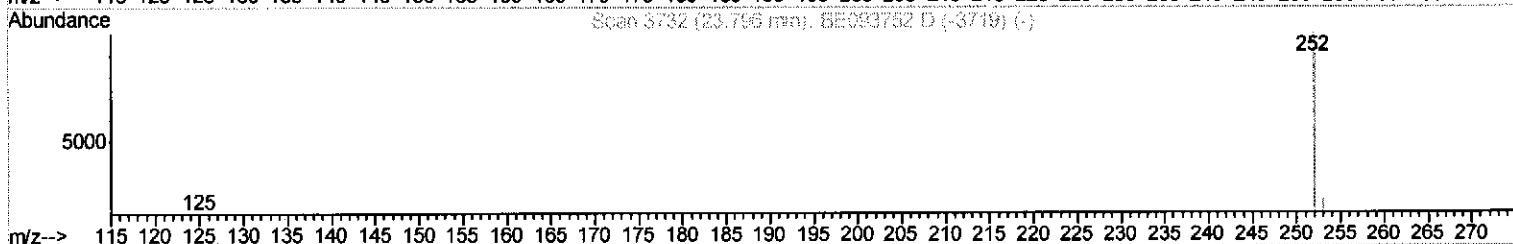
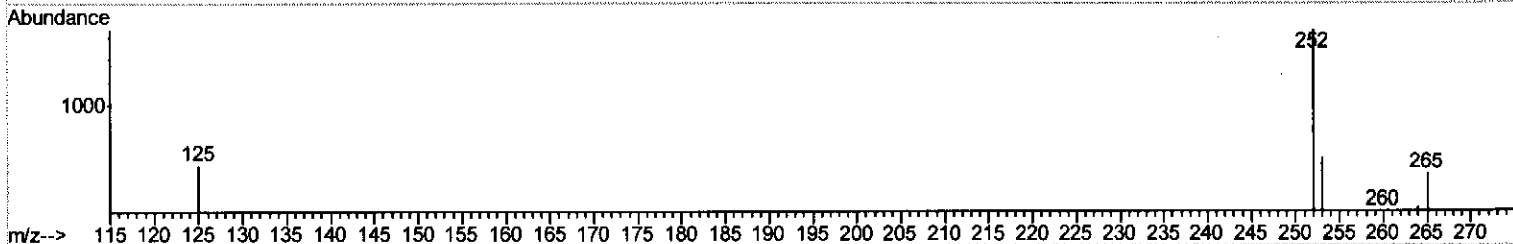
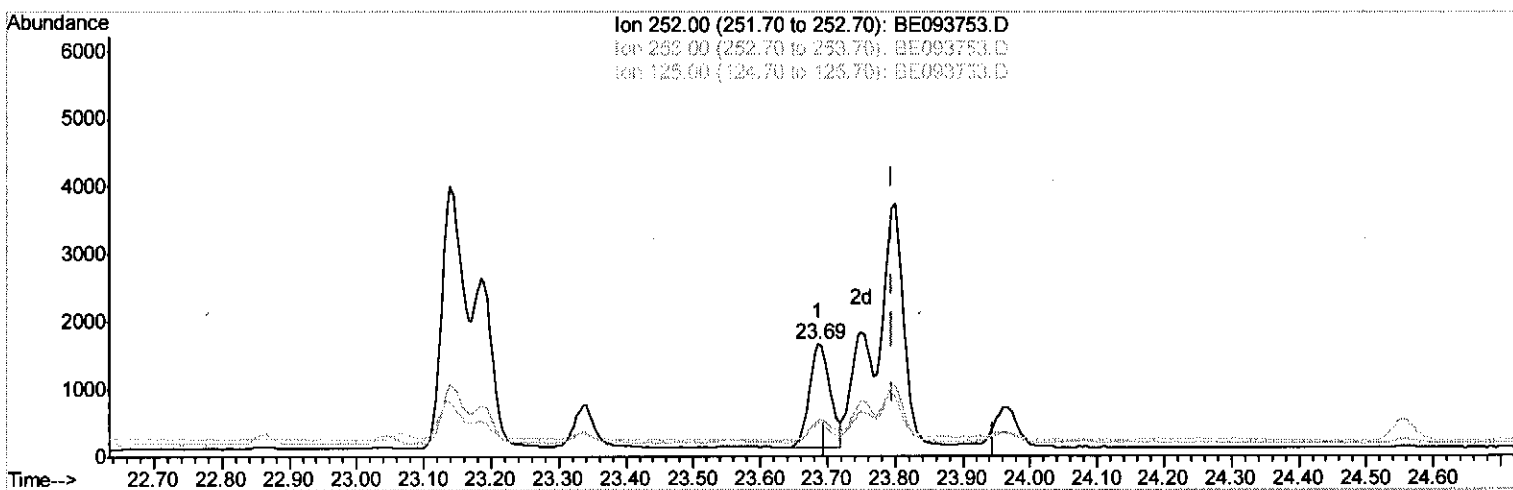
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093753.D
 Acq On : 10 Aug 2017 19:00
 Operator : SJ/JU
 Sample : I4455-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG2

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:03:09 PM

Quant Time: Aug 11 18:19:24 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



TIC: BE093753.D

(23) Benzo(a)pyrene (C)

23.686min (-0.109) 0.06ng/ul

response 3363

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	32.75
125.00	22.60	29.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

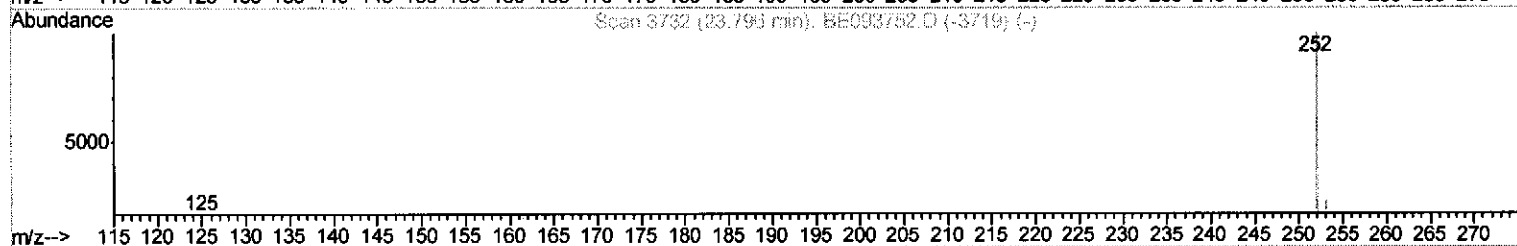
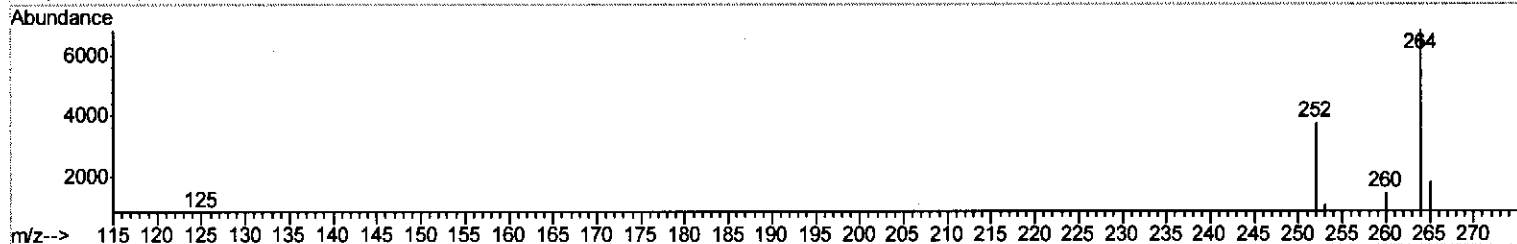
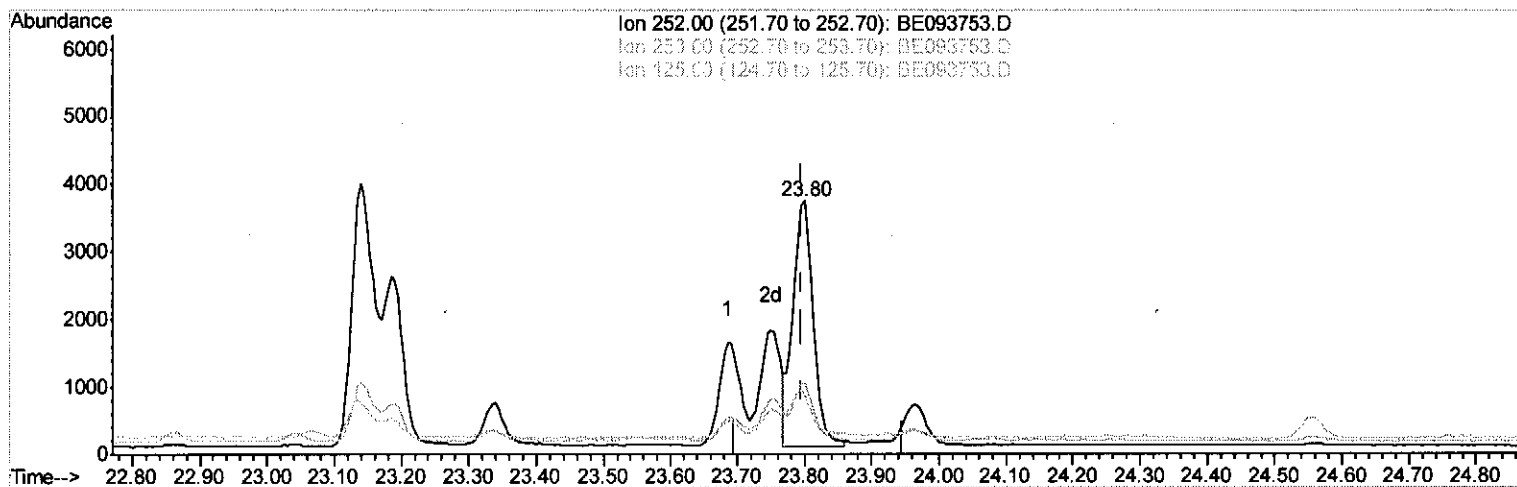
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093753.D
Acq On : 10 Aug 2017 19:00
Operator : SJ/JU
Sample : I4455-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AG2

Manual Integrations
APPROVED

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Quant Time: Aug 11 18:19:24 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: BE093753.D

(23) Benzo(a)pyrene (C)

23.800min (+0.005) 0.13ng/ul m *JLU 8/14/17*

response 7644

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	28.16#
125.00	22.60	23.17
0.00	0.00	0.00

Quantitation Report (Qedit)

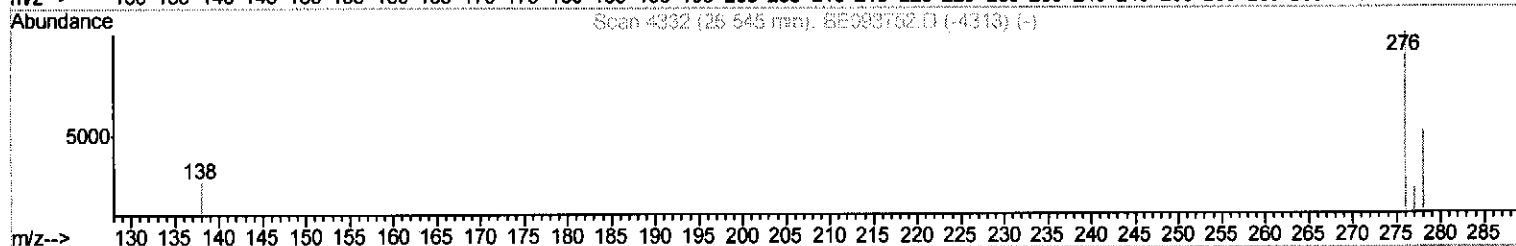
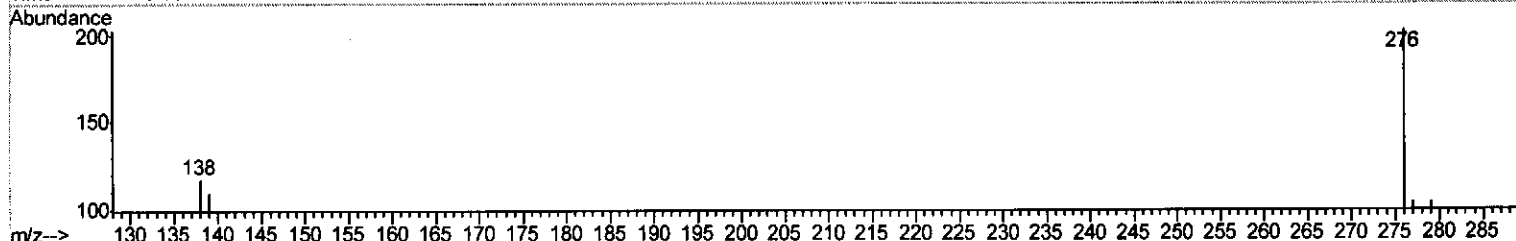
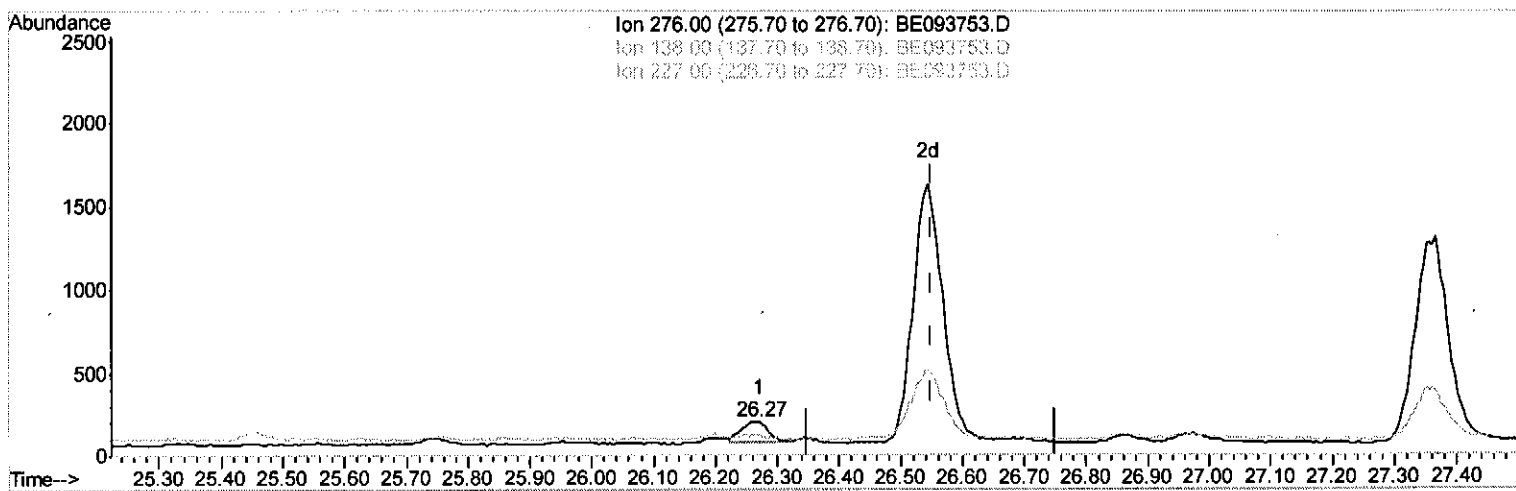
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093753.D
Acq On : 10 Aug 2017 19:00
Operator : SJ/JU
Sample : I4455-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AG2

Manual Integrations
APPROVED

sohil
8/14/2017 7:03:09 PM

Quant Time: Aug 11 18:19:24 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: BE093753.D

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

26.272min (-0.278) 0.01ng/ul

response 360

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)

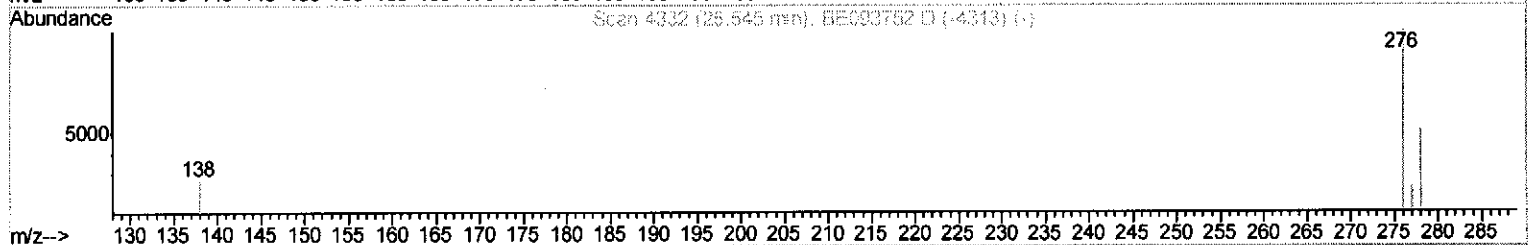
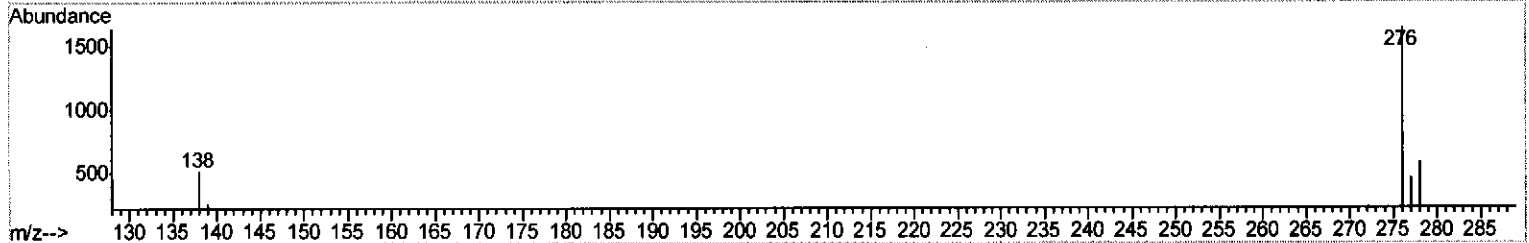
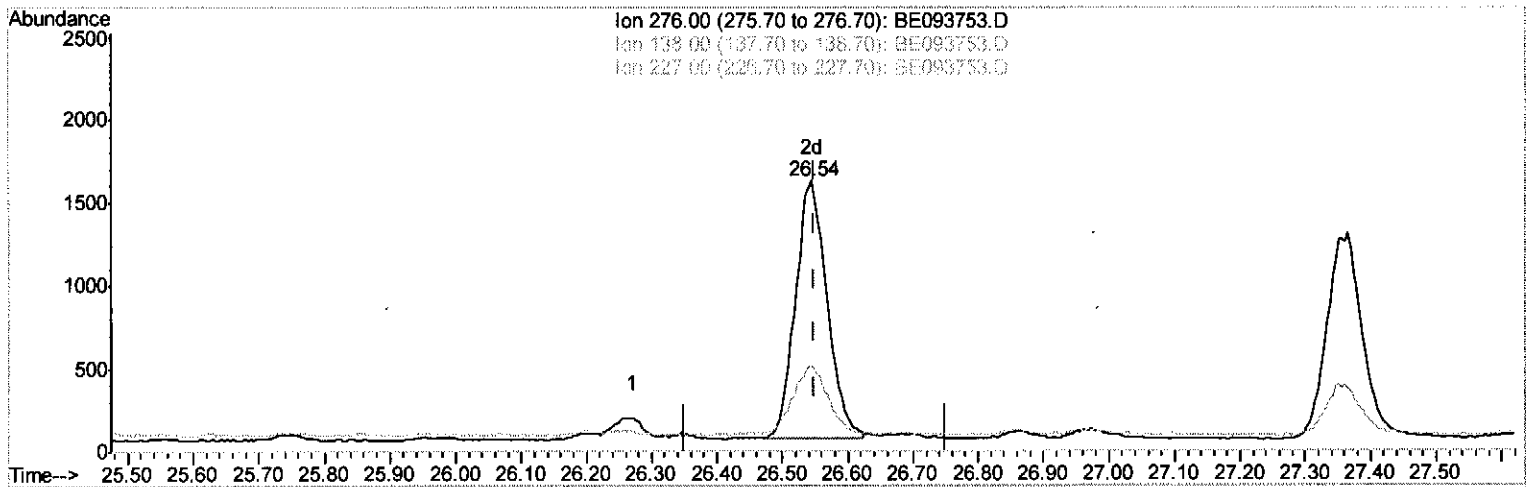
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093753.D
Acq On : 10 Aug 2017 19:00
Operator : SJ/JU
Sample : I4455-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AG2

Manual Integrations
APPROVED

sohil
8/14/2017 7:03:09 PM

Quant Time: Aug 11 18:19:24 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: BE093753.D

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

26.545min (-0.005) 0.08ng/ul m. *[Signature]* 8/14/17

response 5242

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)

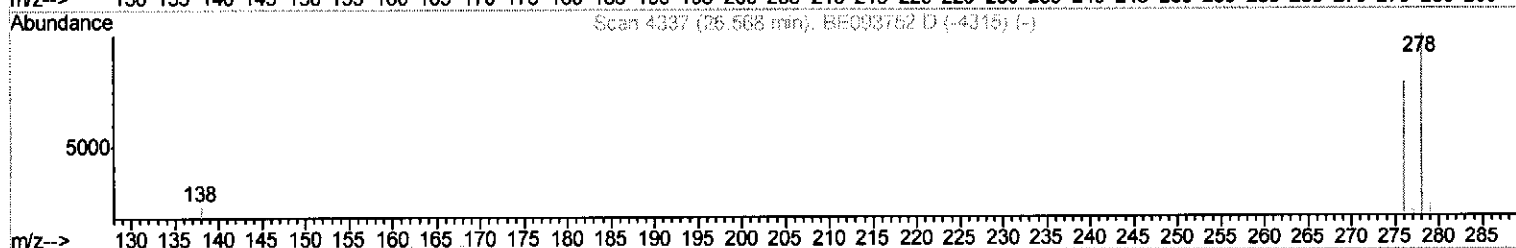
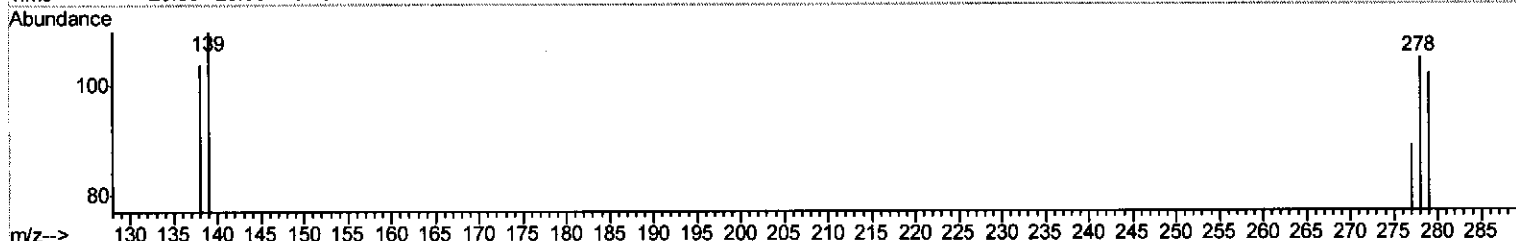
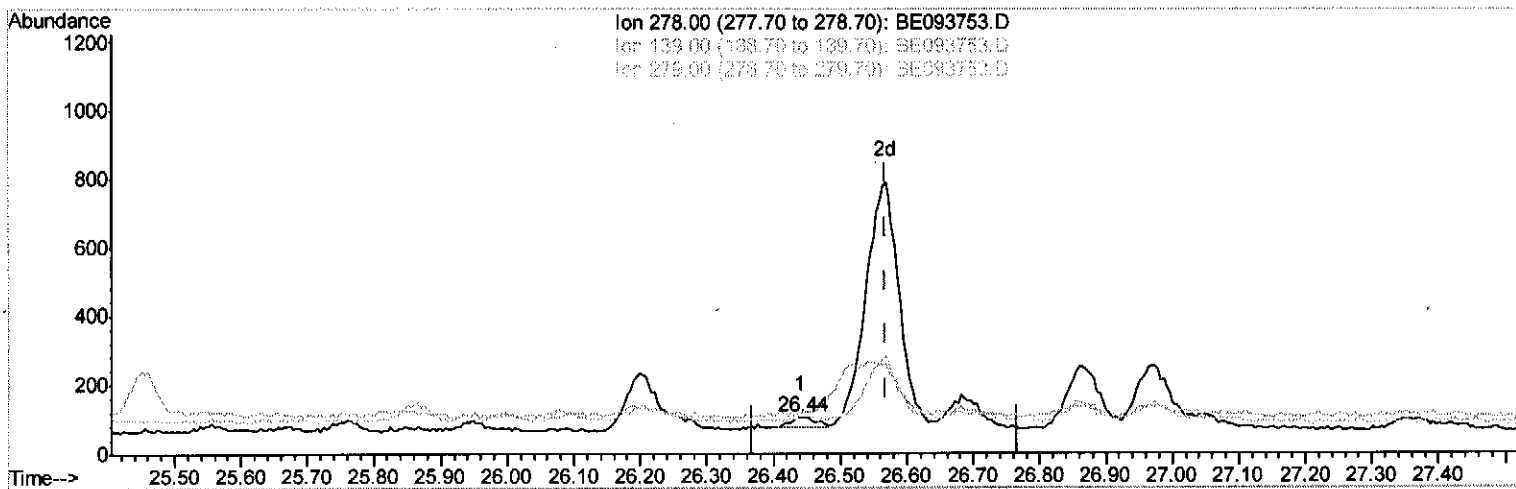
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093753.D
Acq On : 10 Aug 2017 19:00
Operator : SJ/JU
Sample : I4455-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleID :
C0AG2

Manual Integrations
APPROVED

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8/14/2017 7:03:09 PM

Quant Time: Aug 11 18:19:24 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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Response via : Initial Calibration



TIC: BE093753.D

(25) Dibenzo(a,h)anthracene

26.440min (-0.128) 0.00ng/ul

response 87

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	104.76#
279.00	32.40	97.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

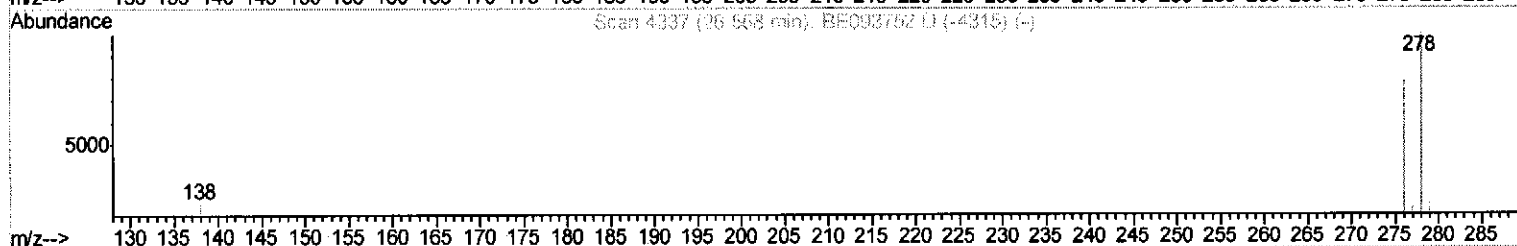
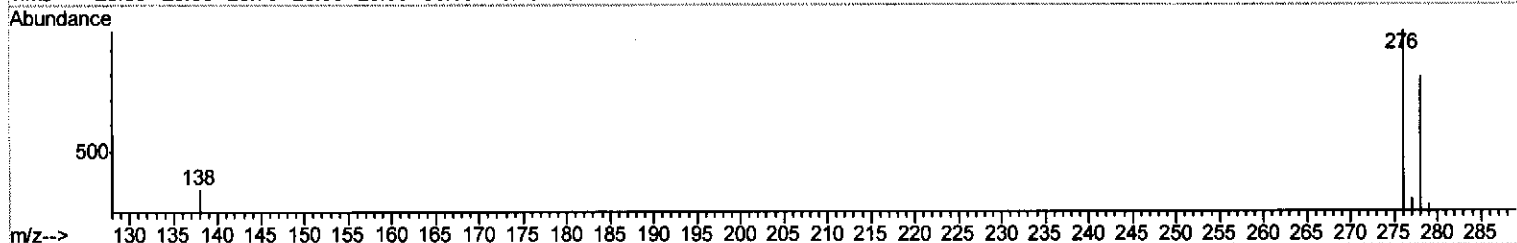
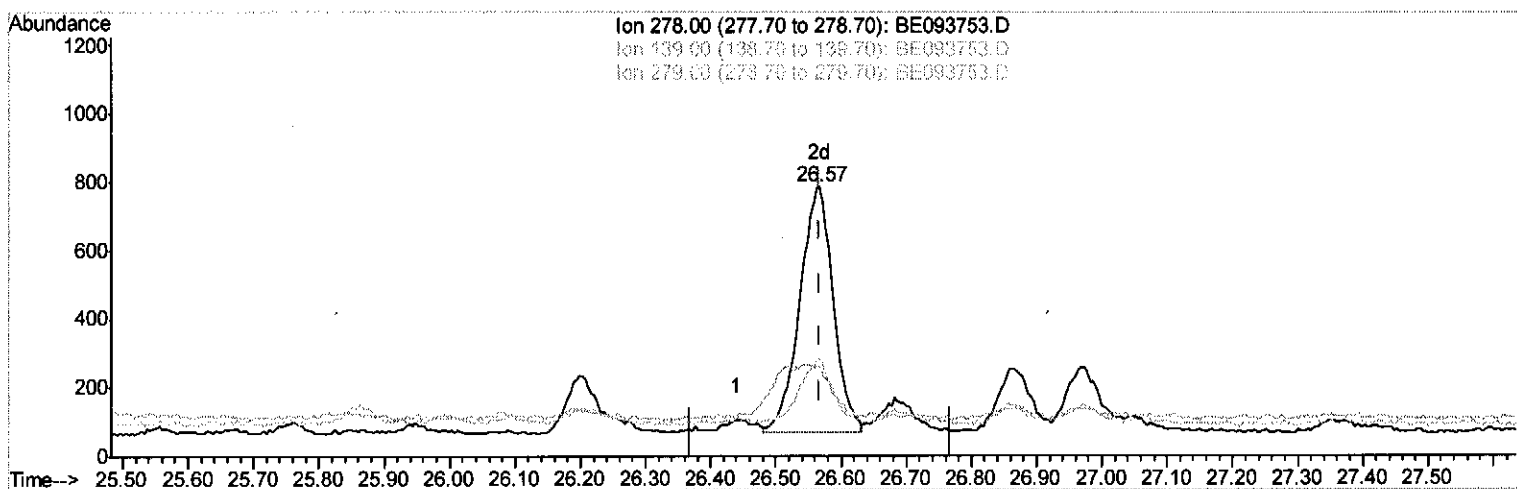
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093753.D
 Acq On : 10 Aug 2017 19:00
 Operator : SJ/JU
 Sample : I4455-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG2

Manual Integrations
 APPROVED

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Quant Time: Aug 11 18:19:24 2017
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 Response via : Initial Calibration



TIC: BE093753.D

(25) Dibenzo(a,h)anthracene

26.568min (+0.000) 0.05ng/ul m

response 2534

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	32.57#
279.00	32.40	35.87
0.00	0.00	0.00

Quantitation Report (Qedit)

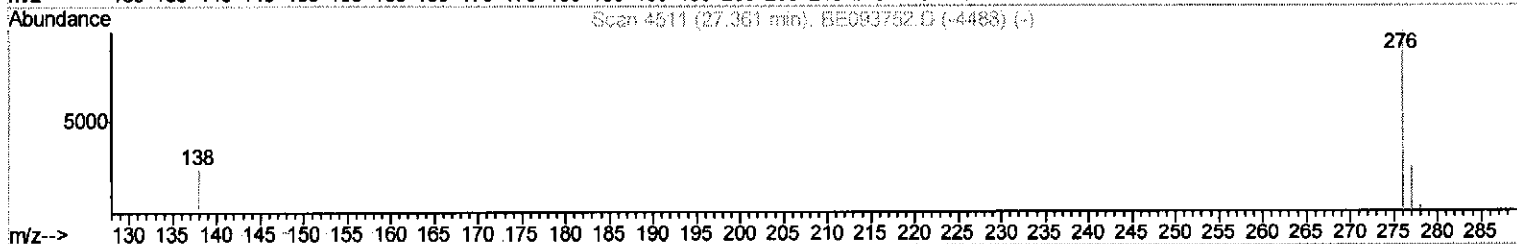
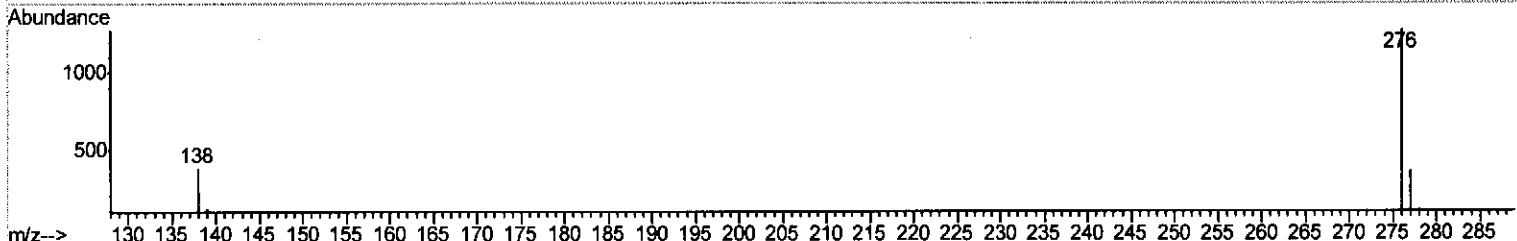
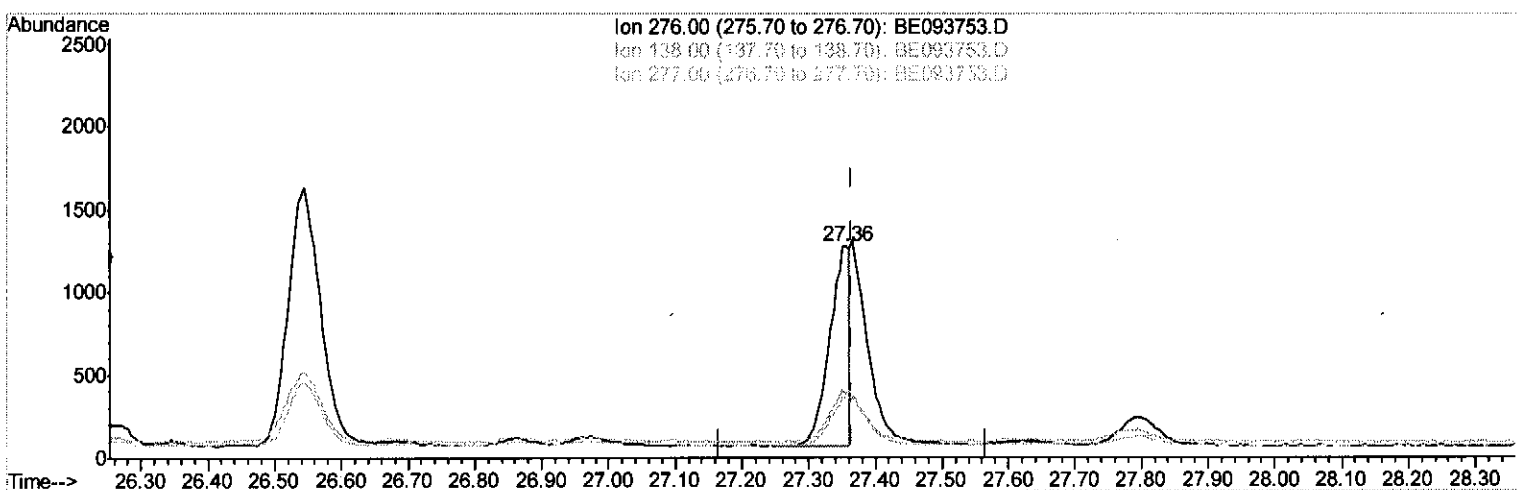
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093753.D
 Acq On : 10 Aug 2017 19:00
 Operator : SJ/JU
 Sample : I4455-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Manual Integrations
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 Response via : Initial Calibration



TIC: BE093753.D

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

27.356min (-0.009) 0.05ng/ul

response 2506

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	29.63
277.00	25.60	27.83
0.00	0.00	0.00

Quantitation Report (Qedit)

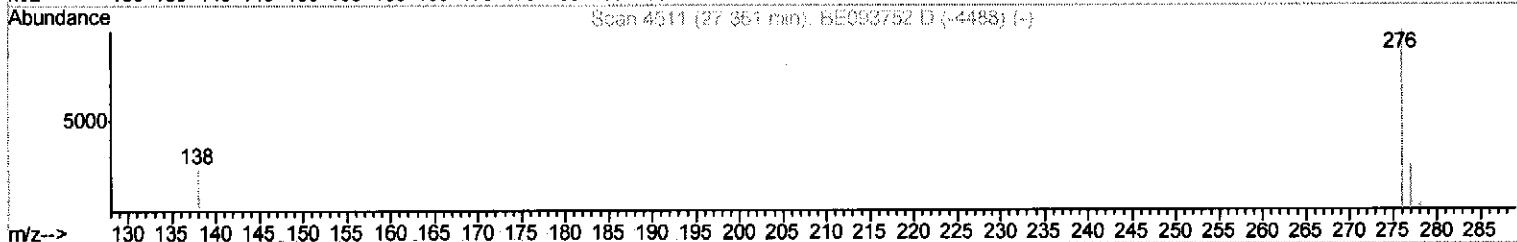
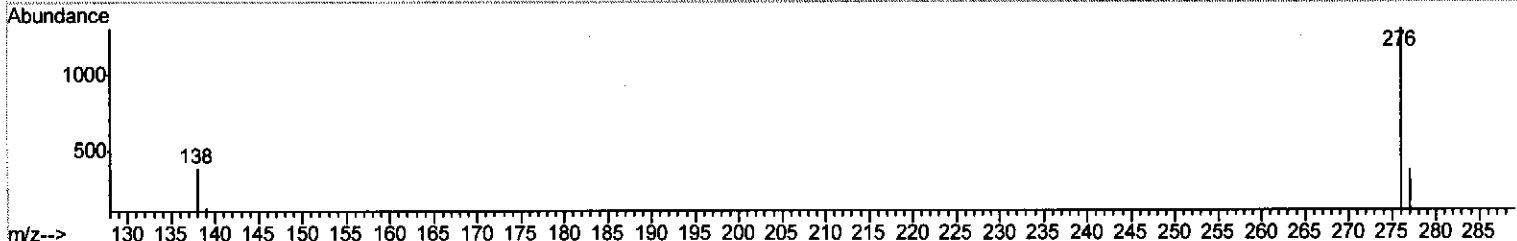
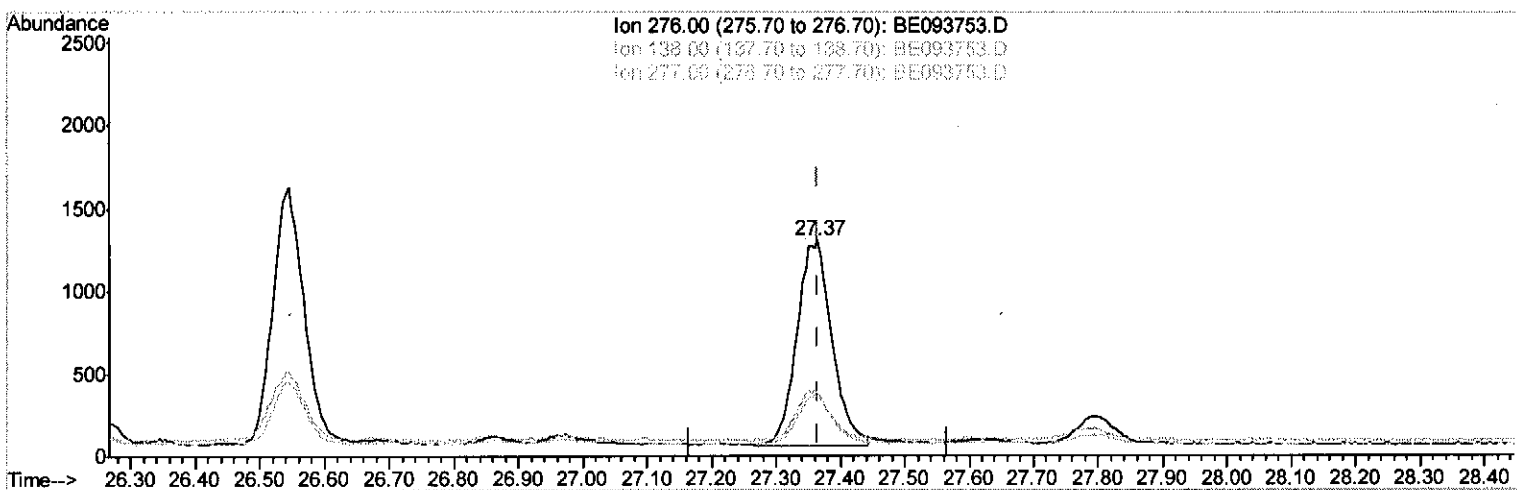
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093753.D
 Acq On : 10 Aug 2017 19:00
 Operator : SJ/JU
 Sample : I4455-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AG2

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:03:09 PM

Quant Time: Aug 11 18:19:24 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



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

27.365min (+0.000) 0.09ng/ul m

response 4702

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	28.73
277.00	25.60	27.36
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093753.D
 Acq On : 10 Aug 2017 19:00
 Operator : SJ/JU
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 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Aug 11 18:21:31 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3110	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	16485	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	10198	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	22140	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23061	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19422m	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4837	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	13430	0.19	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.24	152	1426	0.033	ng/ul#	91
11) Pentachlorophenol	16.91	266	369	0.101	ng/ul	90
12) Phenanthrene	17.29	178	2852	0.047	ng/ul#	91
15) Fluoranthene	19.30	202	11072	0.147	ng/ul	84
17) Pyrene	19.66	202	12122	0.180	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	7574	0.113	ng/ul#	86
19) Chrysene	21.45	228	7819	0.122	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	8540	0.142	ng/ul	92
22) Benzo(k)fluoranthene	23.19	252	5072m	0.086	ng/ul	
23) Benzo(a)pyrene	23.80	252	7644m	0.134	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.54	276	5242m	0.083	ng/ul	
25) Dibenzo(a,h)anthracene	26.57	278	2534m	0.048	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	4702m	0.088	ng/ul	

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