

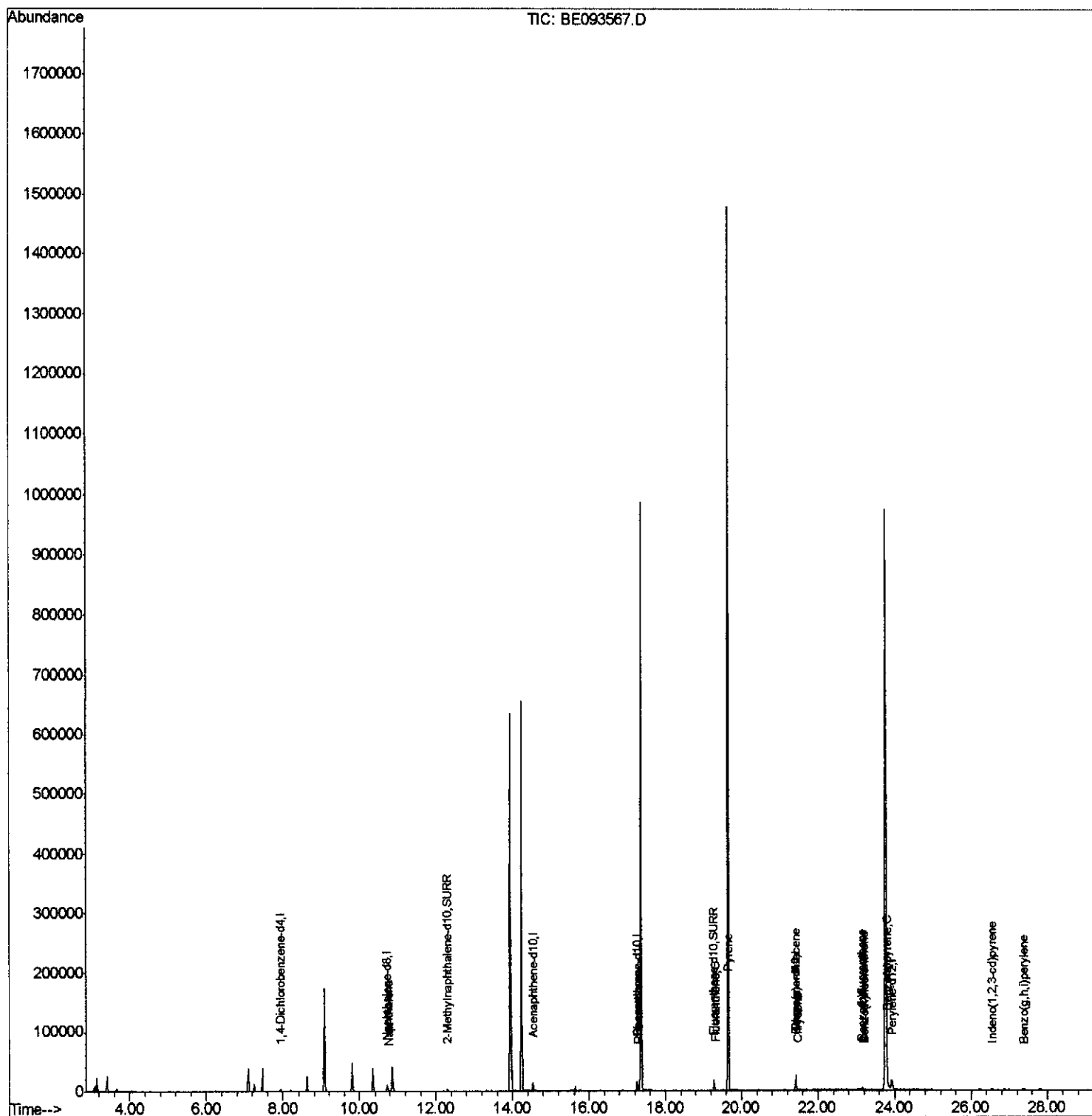
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093567.D
Acq On : 25 Jul 2017 8:49
Operator : SJ/JU
Sample : I4209-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B09

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:12 PM

Quant Time: Jul 25 12:09:00 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 06:10:24 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

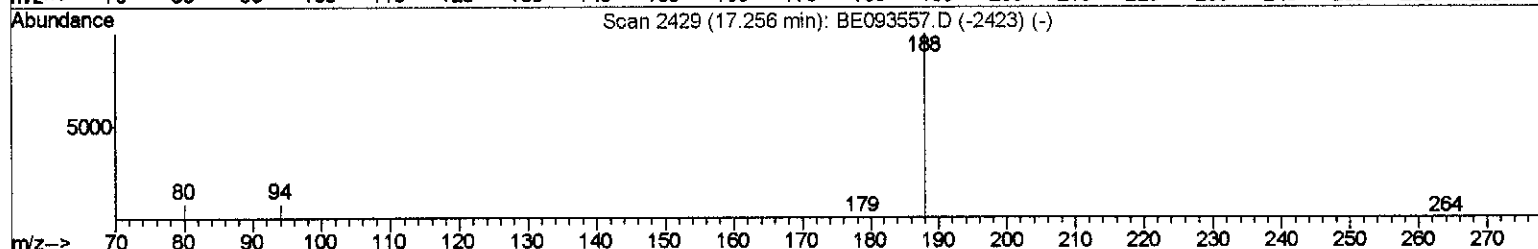
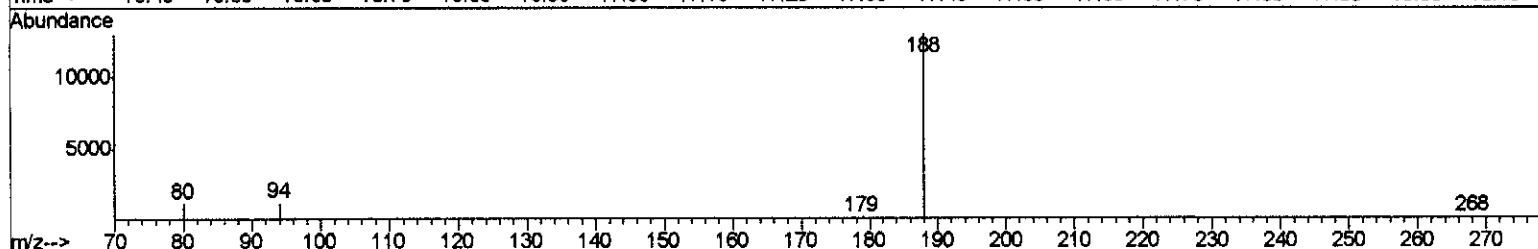
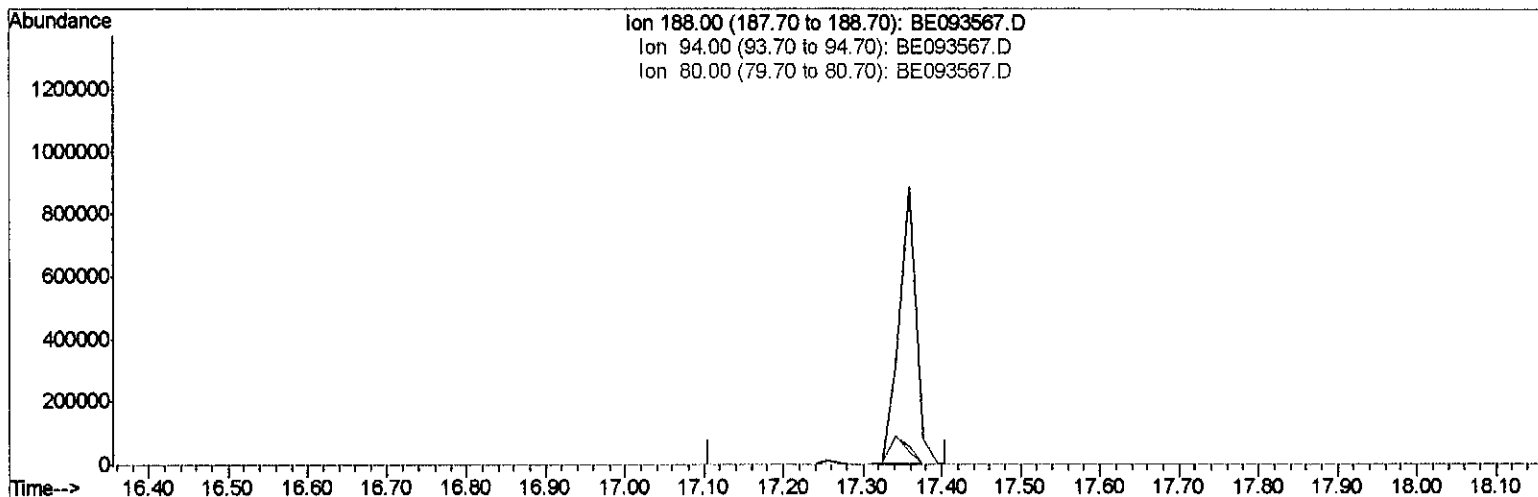
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093567.D
 Acq On : 25 Jul 2017 8:49
 Operator : SJ/JU
 Sample : I4209-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B09

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:12 PM

Quant Time: Jul 25 12:04:39 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 Jul 25 06:10:24 2017
 Response via : Initial Calibration



TIC: BE093567.D

(10) Phenanthrene-d10 (I)
 17.256min (-17.256) 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

Quantitation Report (Qedit)

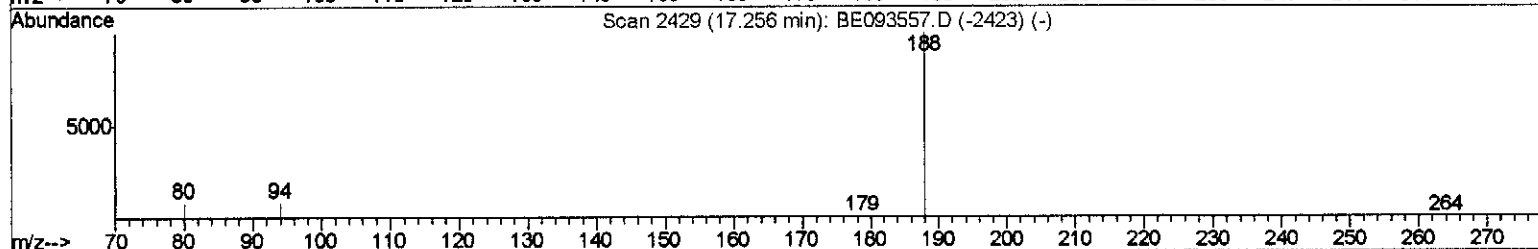
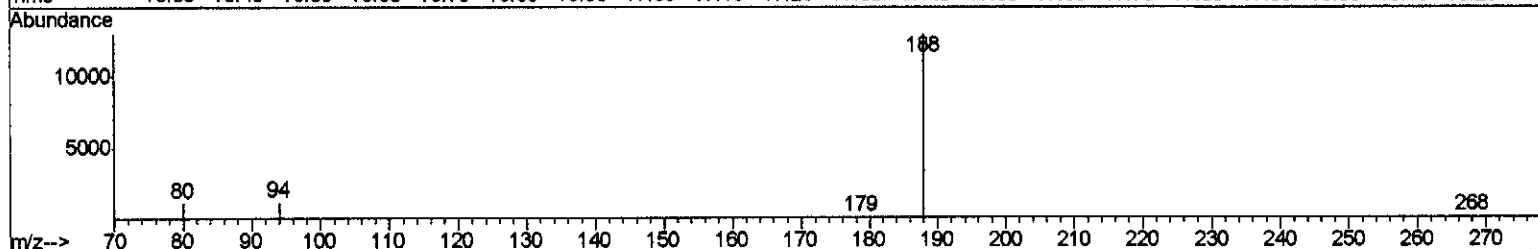
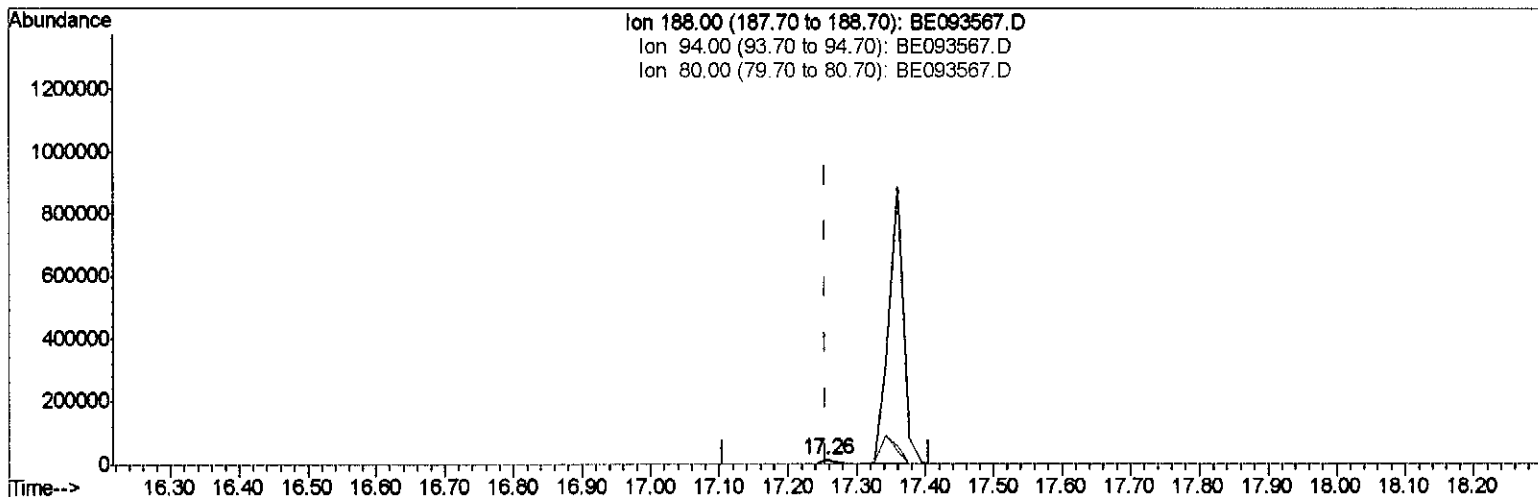
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093567.D
 Acq On : 25 Jul 2017 8:49
 Operator : SJ/JU
 Sample : I4209-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B09

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:12 PM

Quant Time: Jul 25 12:04:39 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 Jul 25 06:10:24 2017
 Response via : Initial Calibration



TIC: BE093567.D

(10) Phenanthrene-d10 (I)

17.256min (-0.000) 0.40ng/ul m

response 18590

SJ
SPR1A

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.69#
80.00	11.80	8.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

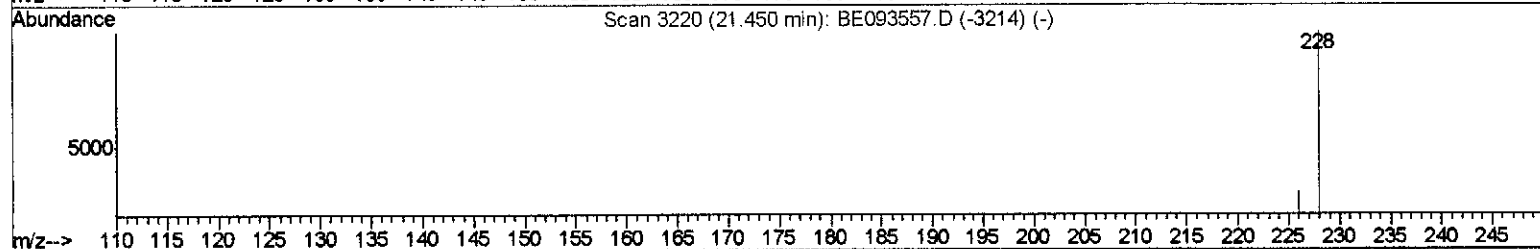
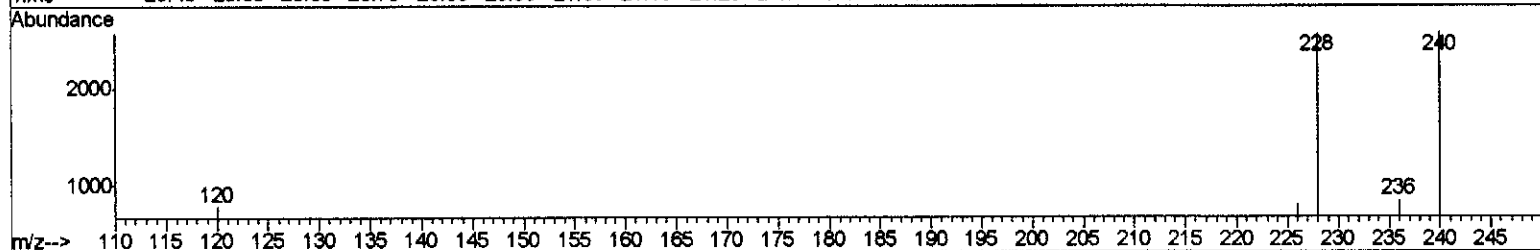
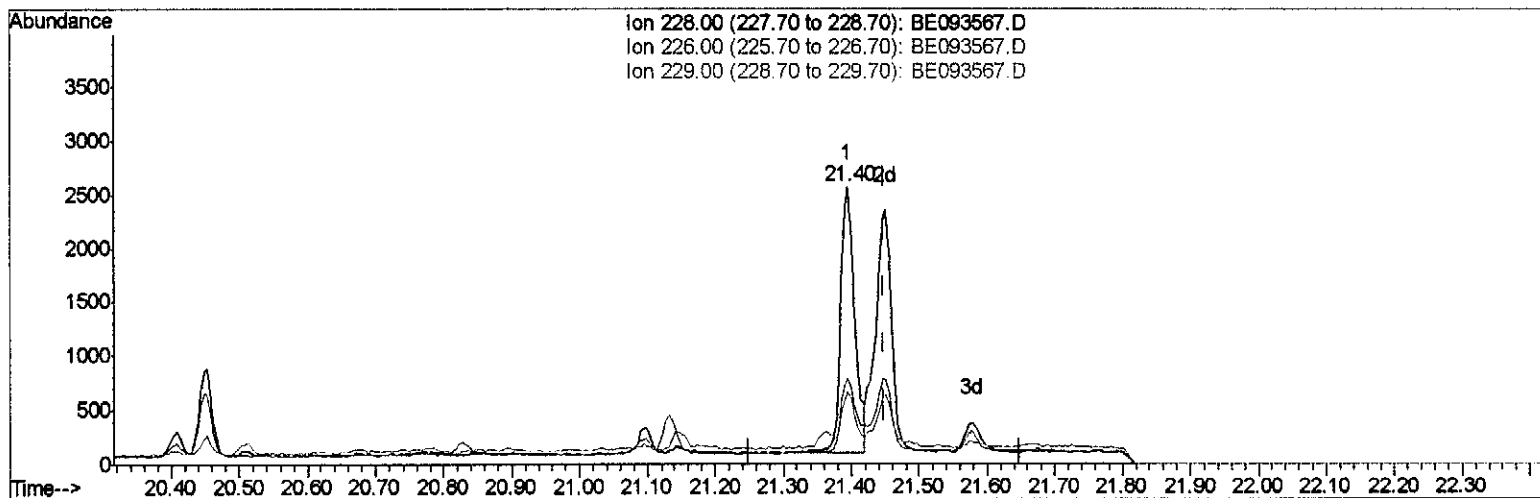
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093567.D
 Acq On : 25 Jul 2017 8:49
 Operator : SJ/JU
 Sample : I4209-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B09

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:12 PM

Quant Time: Jul 25 12:05:57 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 Jul 25 06:10:24 2017
 Response via : Initial Calibration



TIC: BE093567.D

(19) Chrysene

21.395min (-0.054) 0.06ng/ul

response 3527

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	30.90
229.00	22.10	25.72
0.00	0.00	0.00

Quantitation Report (Qedit)

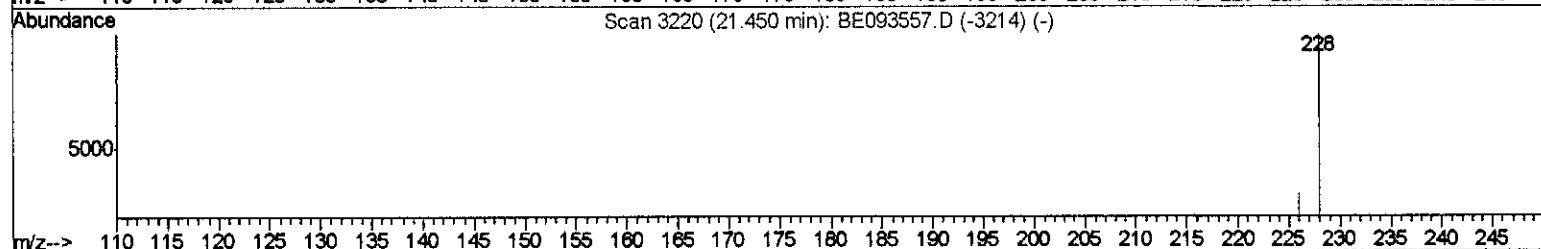
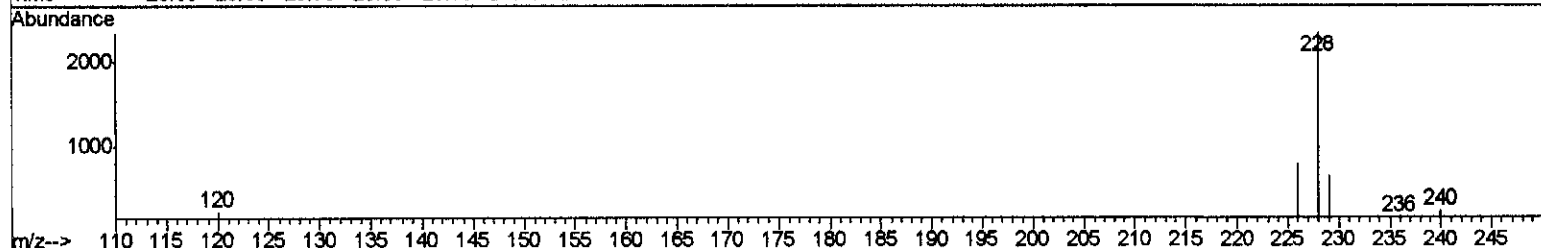
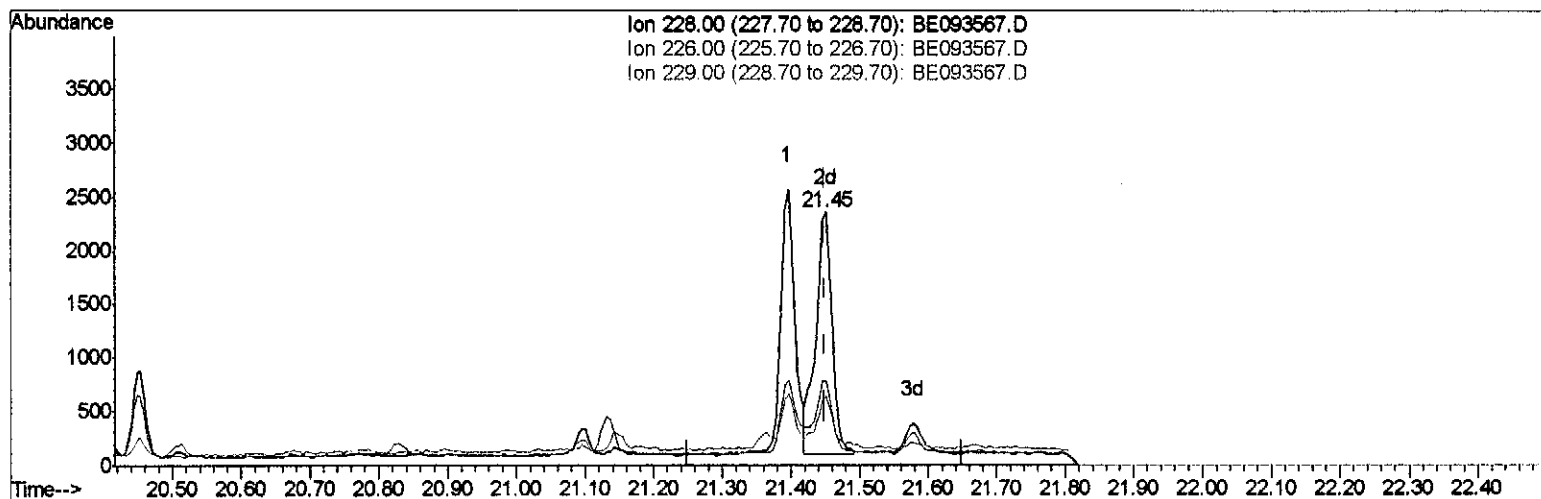
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093567.D
 Acq On : 25 Jul 2017 8:49
 Operator : SJ/JU
 Sample : I4209-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B09

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:12 PM

Quant Time: Jul 25 12:05:57 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 Jul 25 06:10:24 2017
 Response via : Initial Calibration



TIC: BE093567.D

(19) Chrysene

21.450min (+0.000) 0.06ng/ul m

response 3690

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	33.13
229.00	22.10	27.09#
0.00	0.00	0.00

SJ
 8/8/17

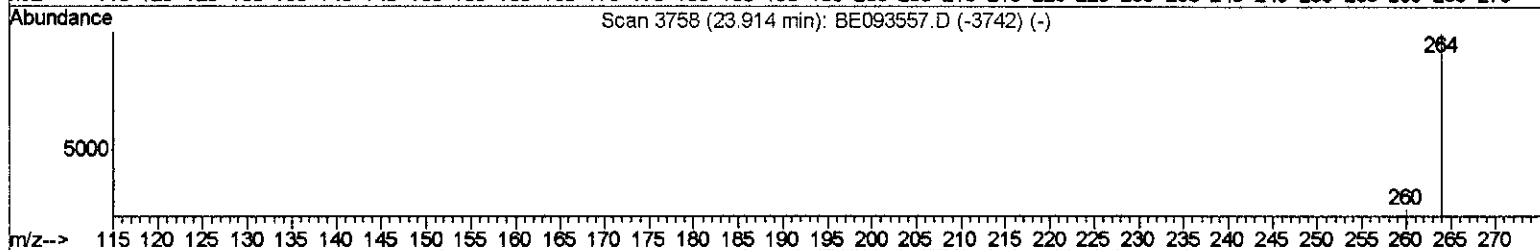
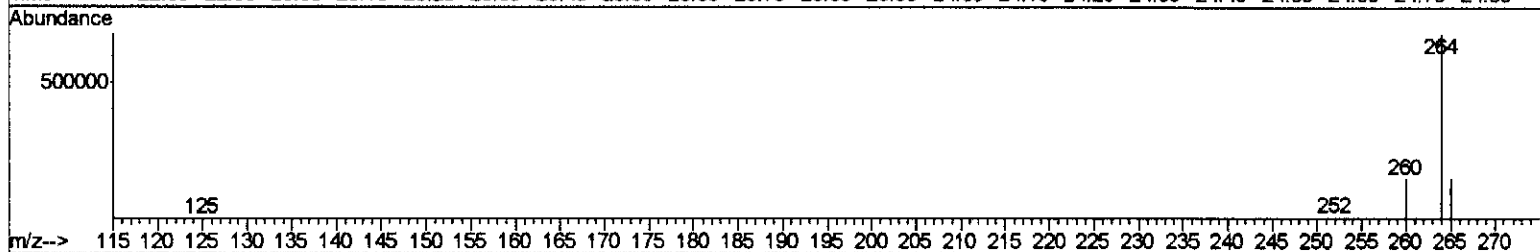
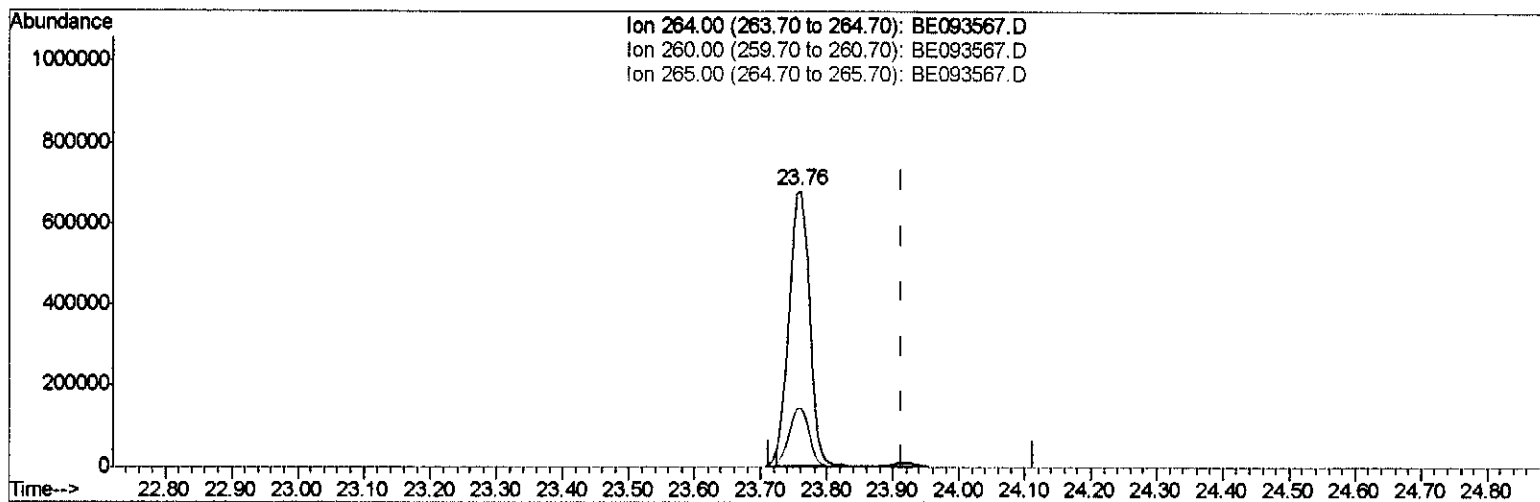
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093567.D
Acq On : 25 Jul 2017 8:49
Operator : SJ/JU
Sample : I4209-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B09

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:12 PM

Quant Time: Jul 25 12:05:57 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 Jul 25 06:10:24 2017
Response via : Initial Calibration



TIC: BE093567.D

(20) Perylene-d12 (I)

23.760min (-0.154) 0.40ng/ui

response 1447409

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.03#
265.00	103.50	21.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

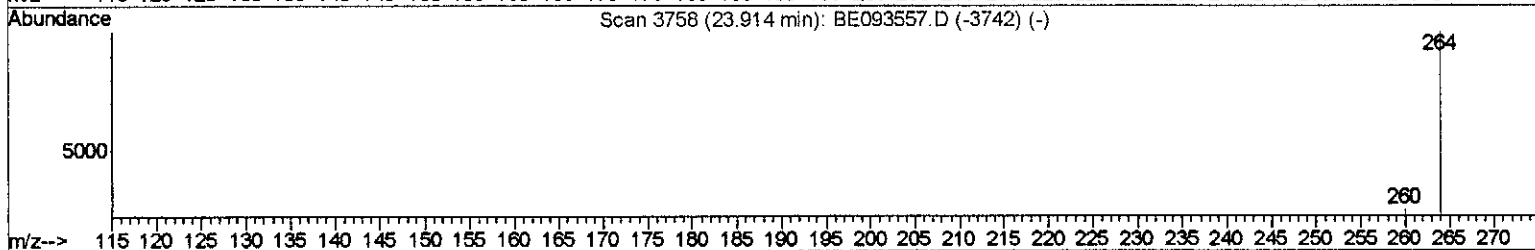
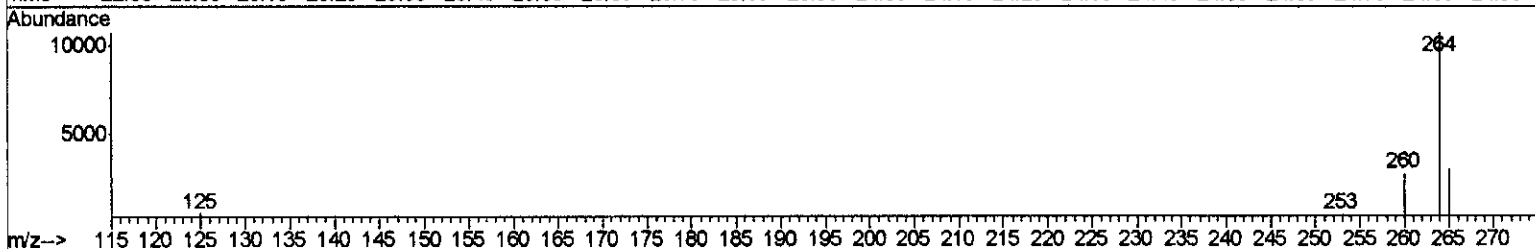
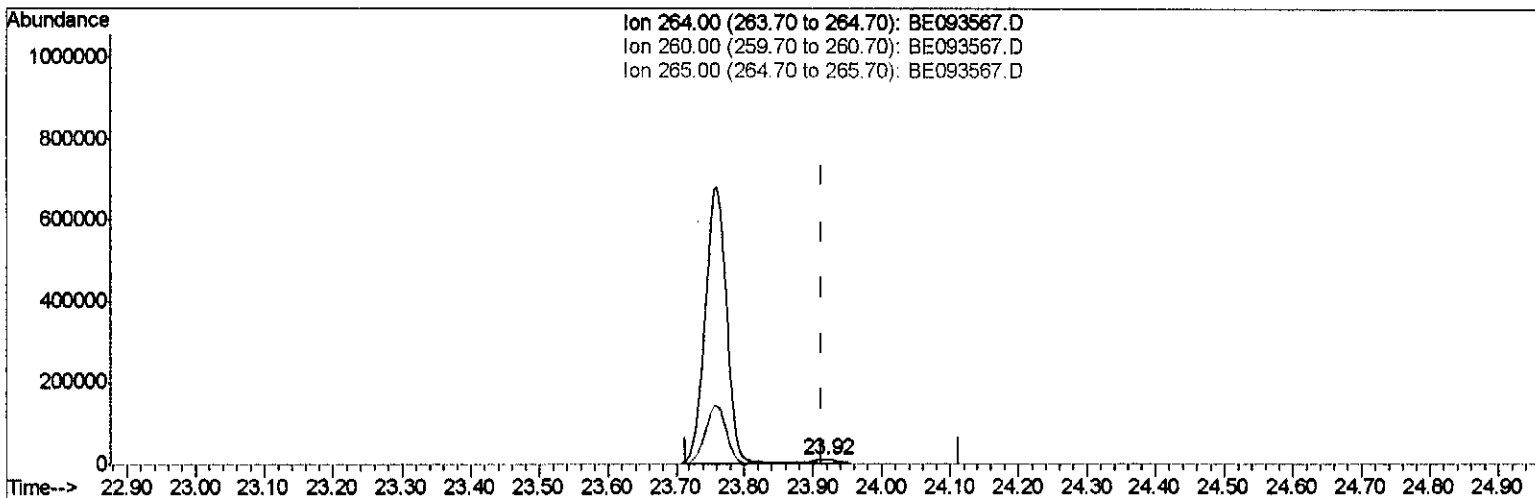
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093567.D
 Acq On : 25 Jul 2017 8:49
 Operator : SJ/JU
 Sample : I4209-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B09

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:12 PM

Quant Time: Jul 25 12:05:57 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 Jul 25 06:10:24 2017
 Response via : Initial Calibration



TIC: BE093567.D

(20) Perylene-d12 (I)

23.919min (+0.005) 0.40ng/ul m

response 18946

SJ
8/4/17

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.33
265.00	103.50	27.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

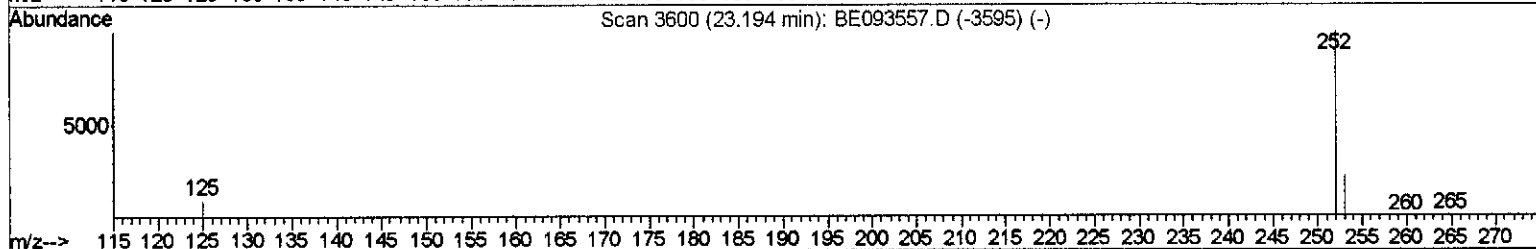
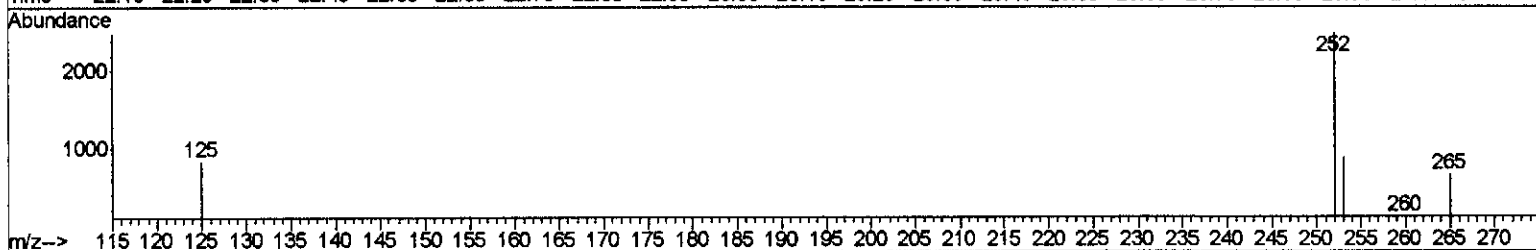
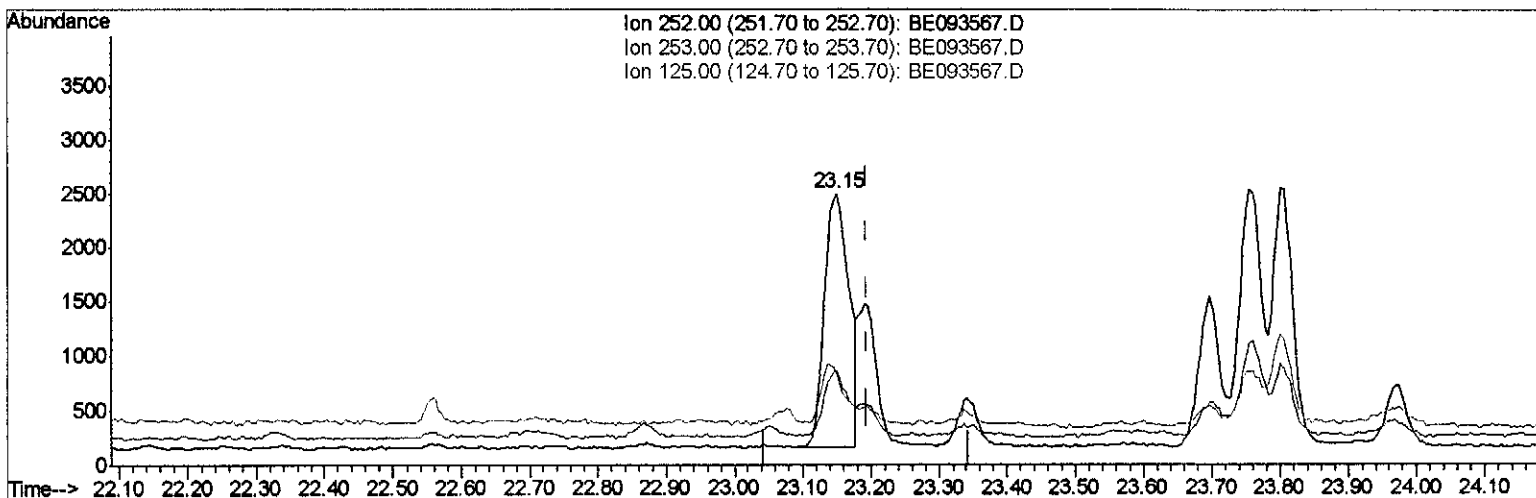
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093567.D
 Acq On : 25 Jul 2017 8:49
 Operator : SJ/JU
 Sample : I4209-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B09

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:12 PM

Quant Time: Jul 25 12:07:16 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 Jul 25 06:10:24 2017
 Response via : Initial Calibration



TIC: BE093567.D

(22) Benzo(k)fluoranthene
 23.149min (-0.045) 0.10ng/ul
 response 5844

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	34.68
125.00	17.10	33.28#
0.00	0.00	0.00

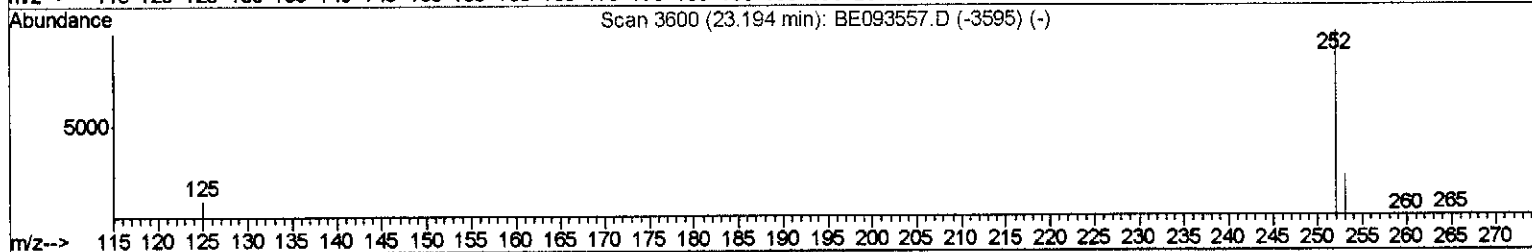
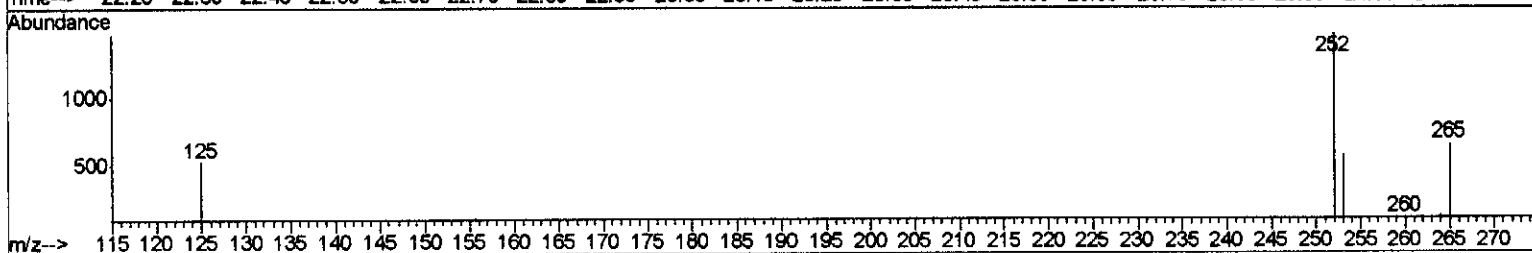
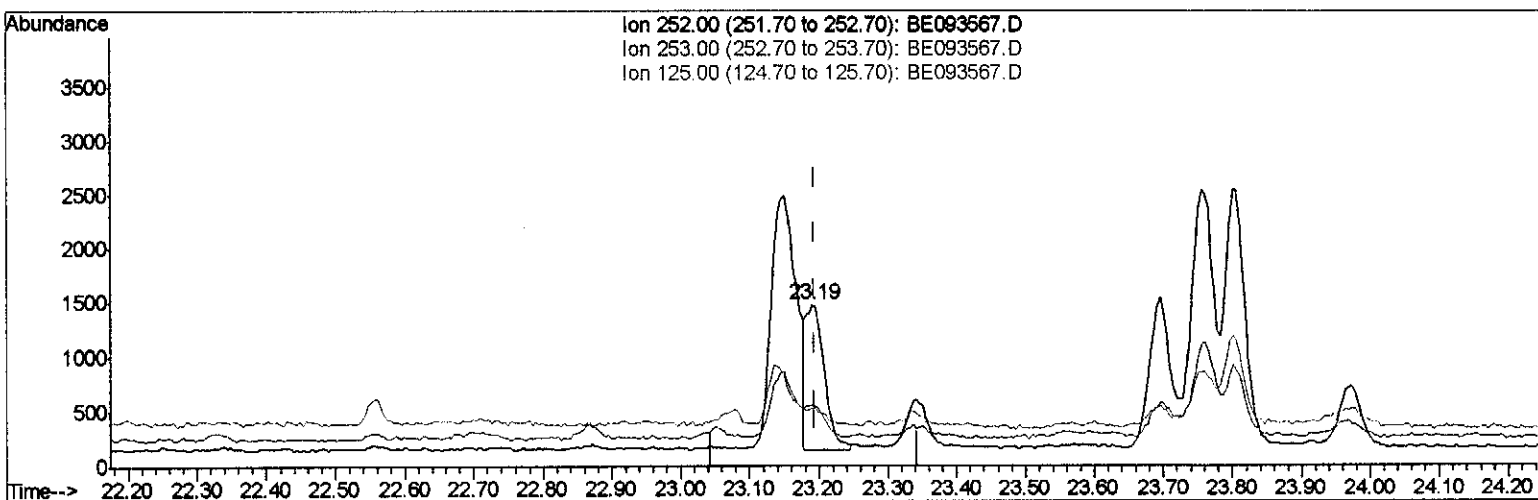
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093567.D
Acq On : 25 Jul 2017 8:49
Operator : SJ/JU
Sample : I4209-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B09

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:12 PM

Quant Time: Jul 25 12:07:16 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 Jul 25 06:10:24 2017
Response via : Initial Calibration



TIC: BE093567.D

(22) Benzo(k)fluoranthene

23.190min (-0.004) 0.04ng/ul m

SJ & SJA

response 2451

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	38.46#
125.00	17.10	35.88#
0.00	0.00	0.00

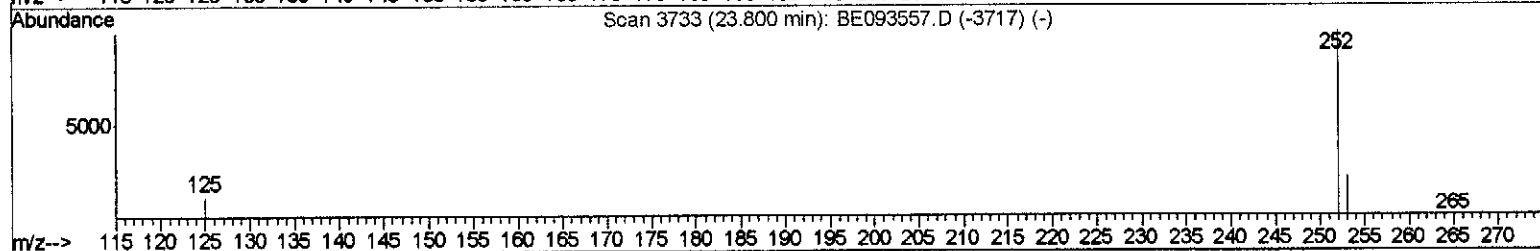
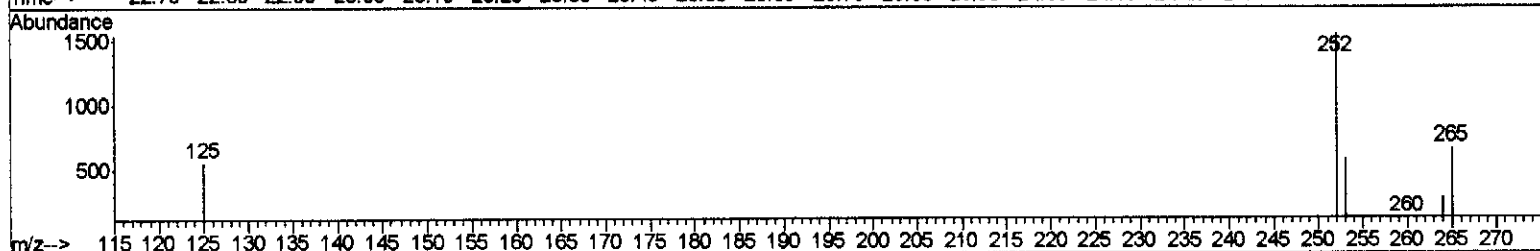
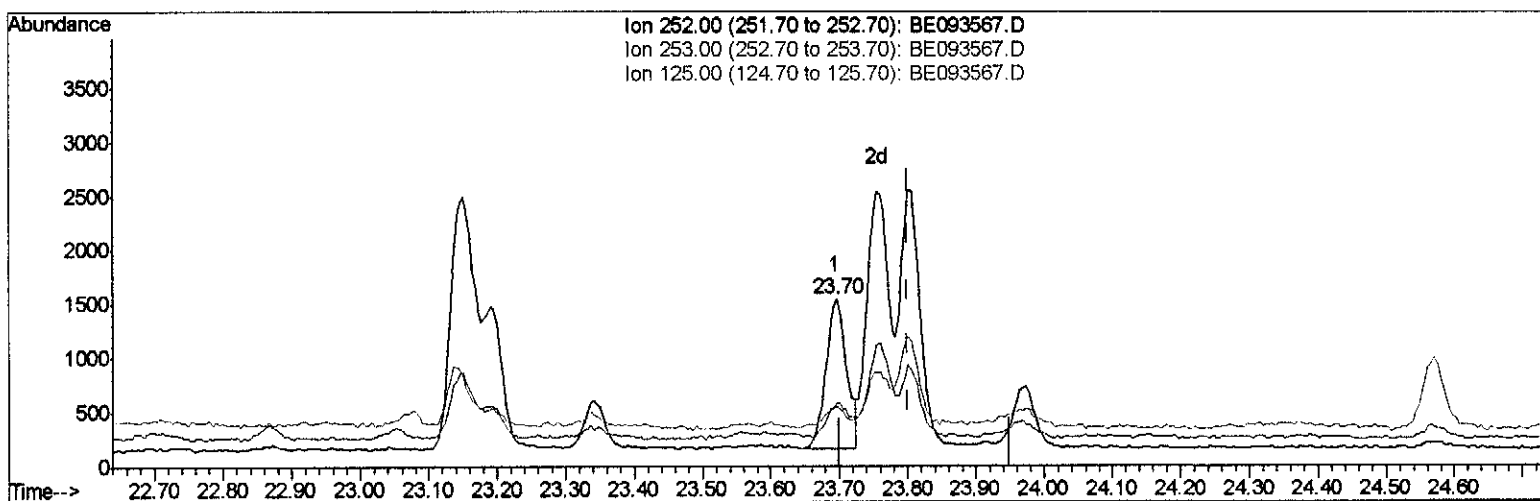
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093567.D
Acq On : 25 Jul 2017 8:49
Operator : SJ/JU
Sample : I4209-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0B09

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:12 PM

Quant Time: Jul 25 12:07:16 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 Jul 25 06:10:24 2017
Response via : Initial Calibration



TIC: BE093567.D

(23) Benzo(a)pyrene (C)

23.696min (-0.104) 0.05ng/ul

response 2934

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	37.46
125.00	22.60	36.36#
0.00	0.00	0.00

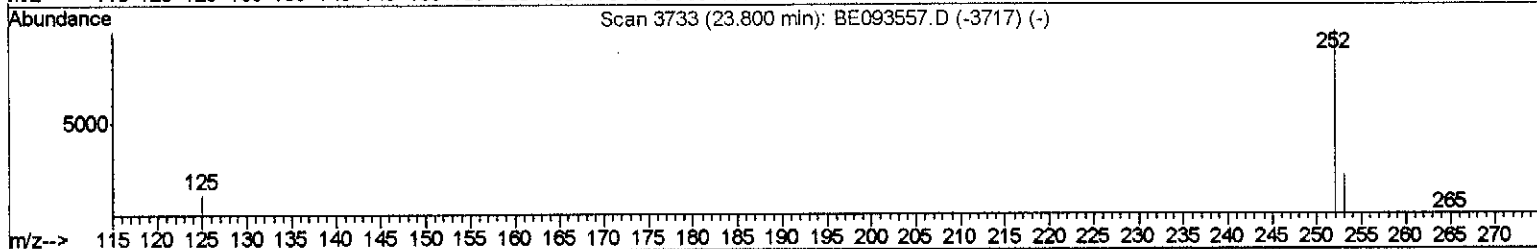
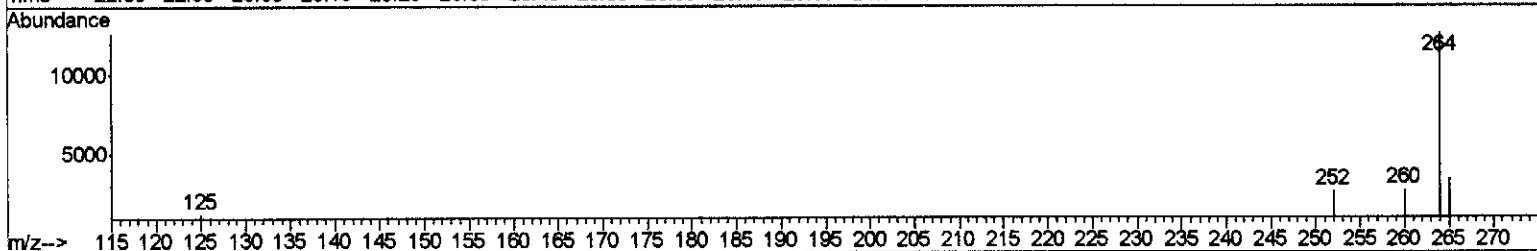
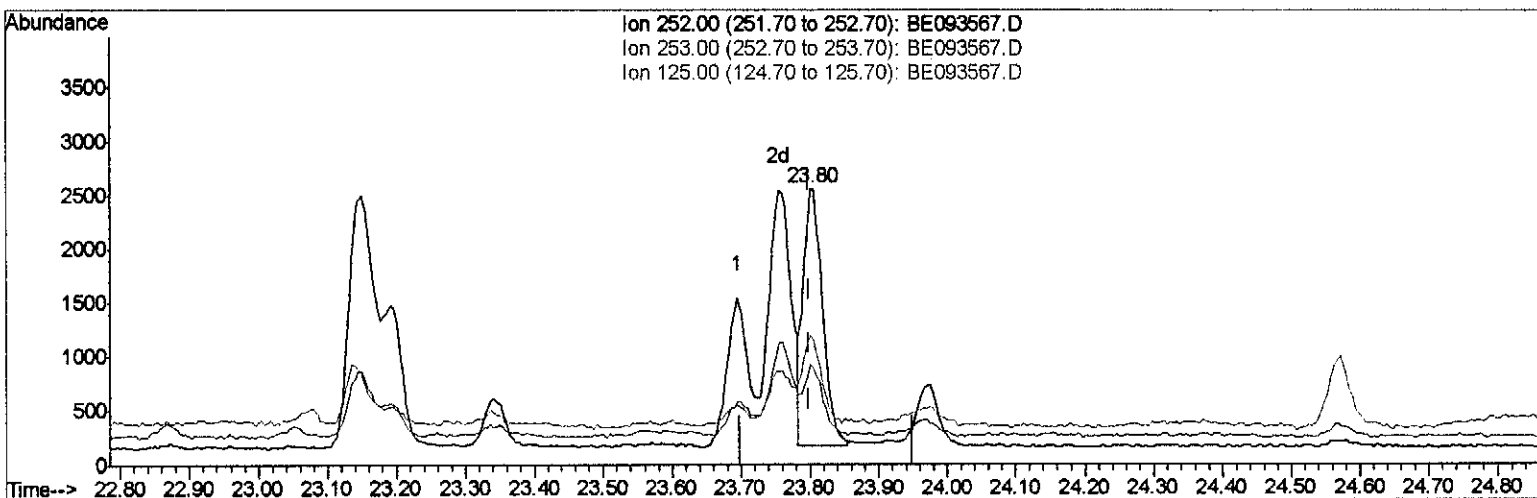
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093567.D
Acq On : 25 Jul 2017 8:49
Operator : SJ/JU
Sample : I4209-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B09

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:12 PM

Quant Time: Jul 25 12:07:16 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 Jul 25 06:10:24 2017
Response via : Initial Calibration



TIC: BE093567.D

(23) Benzo(a)pyrene (C)

23.801min (+0.000) 0.08ng/ul m

response 4607

SJ
8/1/17

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	36.18
125.00	22.60	46.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

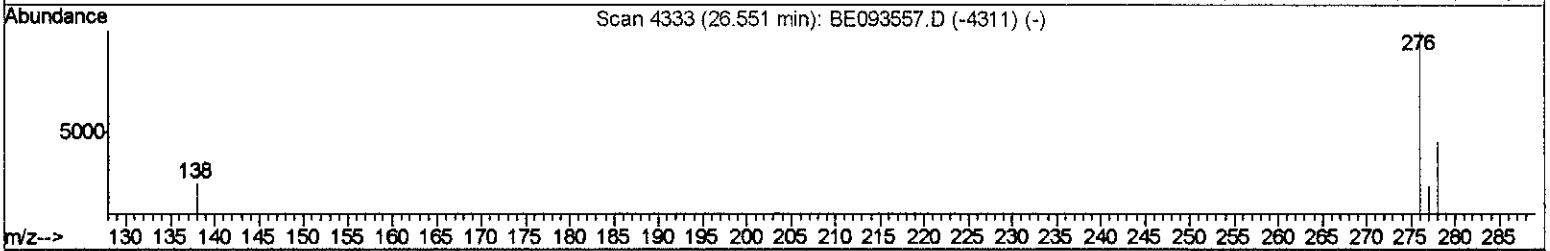
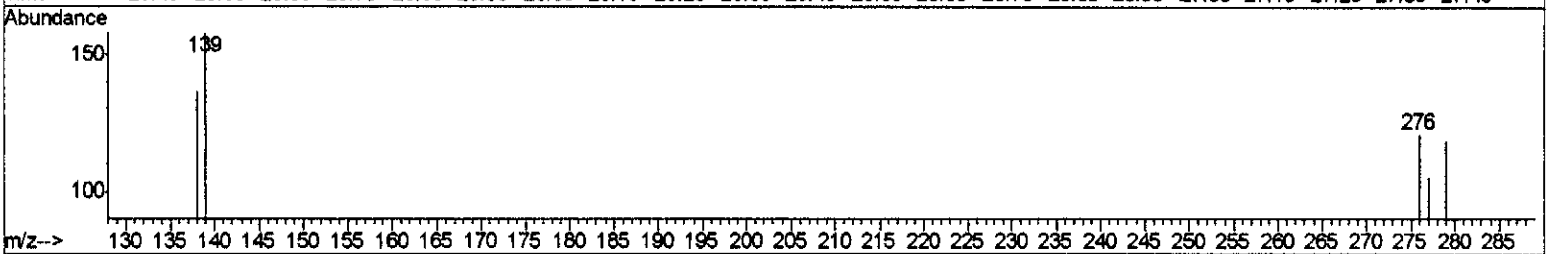
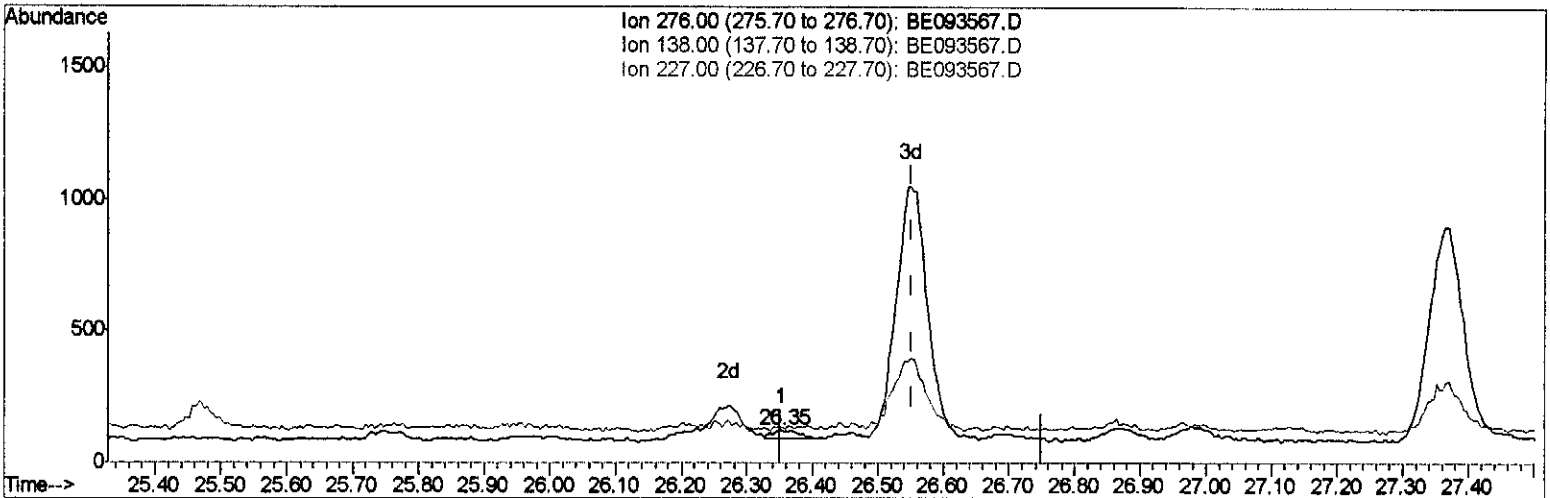
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093567.D
 Acq On : 25 Jul 2017 8:49
 Operator : SJ/JU
 Sample : I4209-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B09

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:12 PM

Quant Time: Jul 25 12:07:16 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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 Response via : Initial Calibration



TIC: BE093567.D

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

26.353min (-0.198) 0.00ng/ul

response 91

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

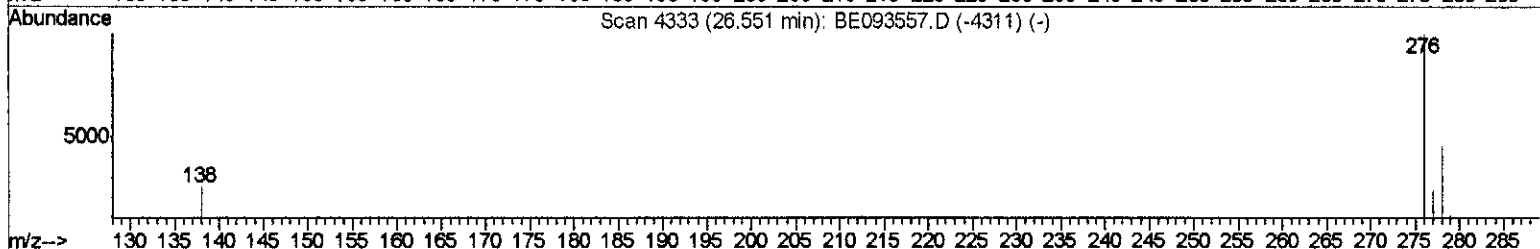
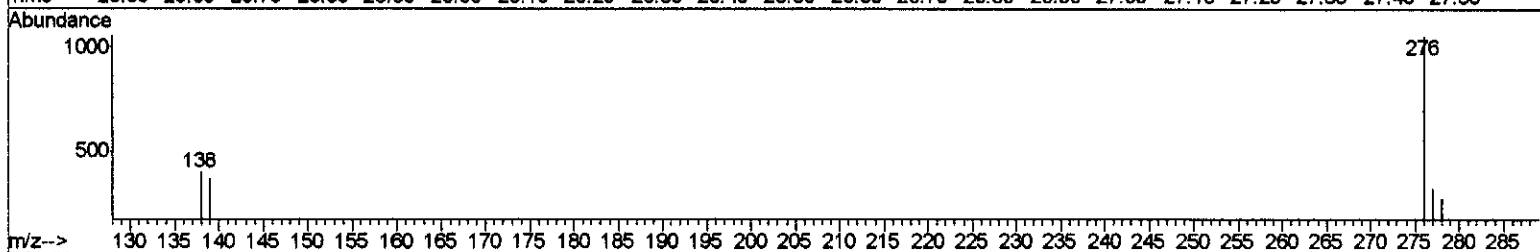
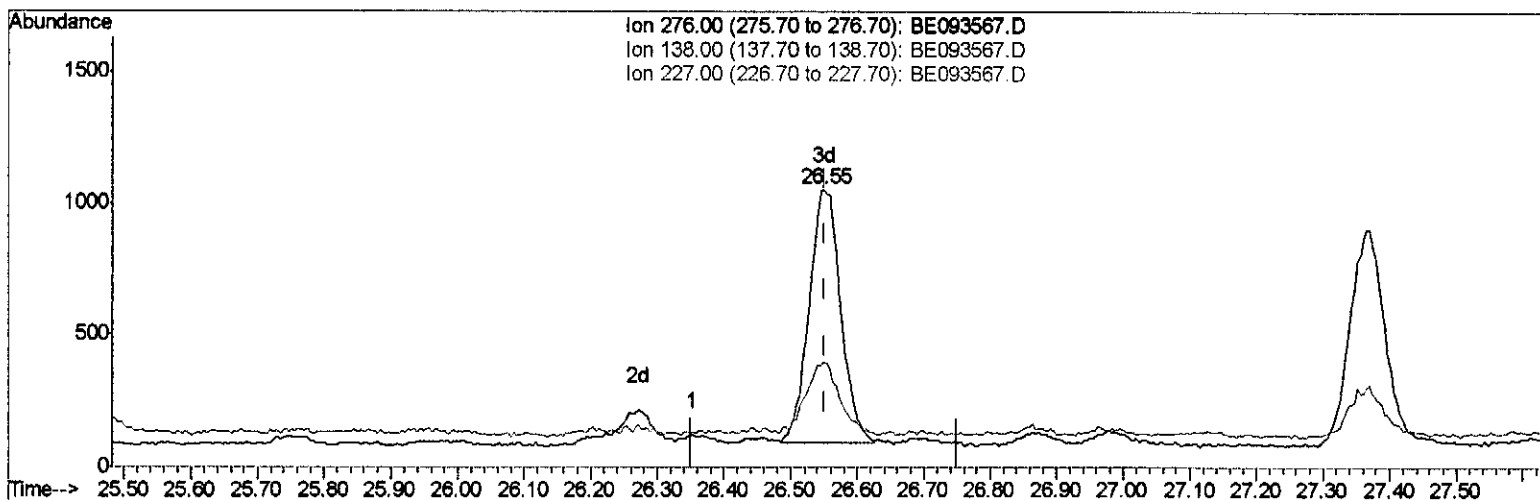
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093567.D
Acq On : 25 Jul 2017 8:49
Operator : SJ/JU
Sample : I4209-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:12 PM

Quant Time: Jul 25 12:07:16 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093567.D

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

26.549min (-0.002) 0.05ng/ul m

response 3144

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

SJ
8/8/12

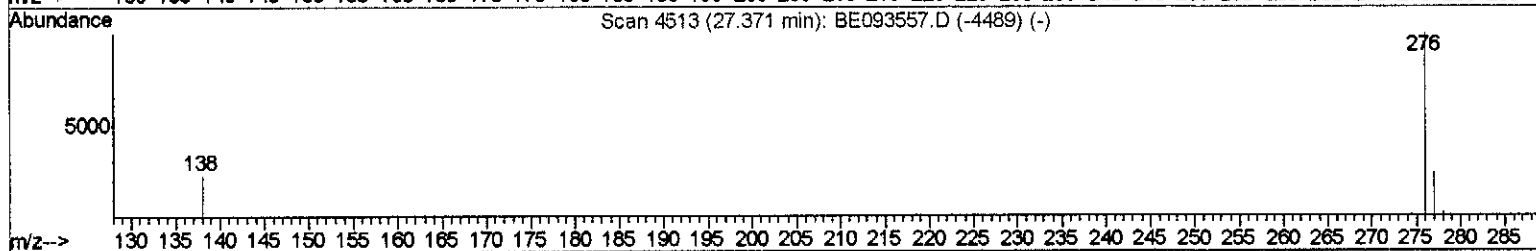
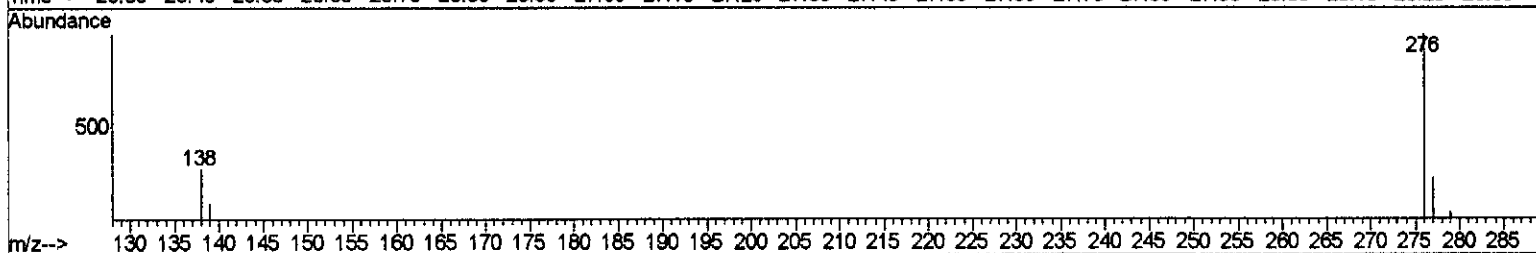
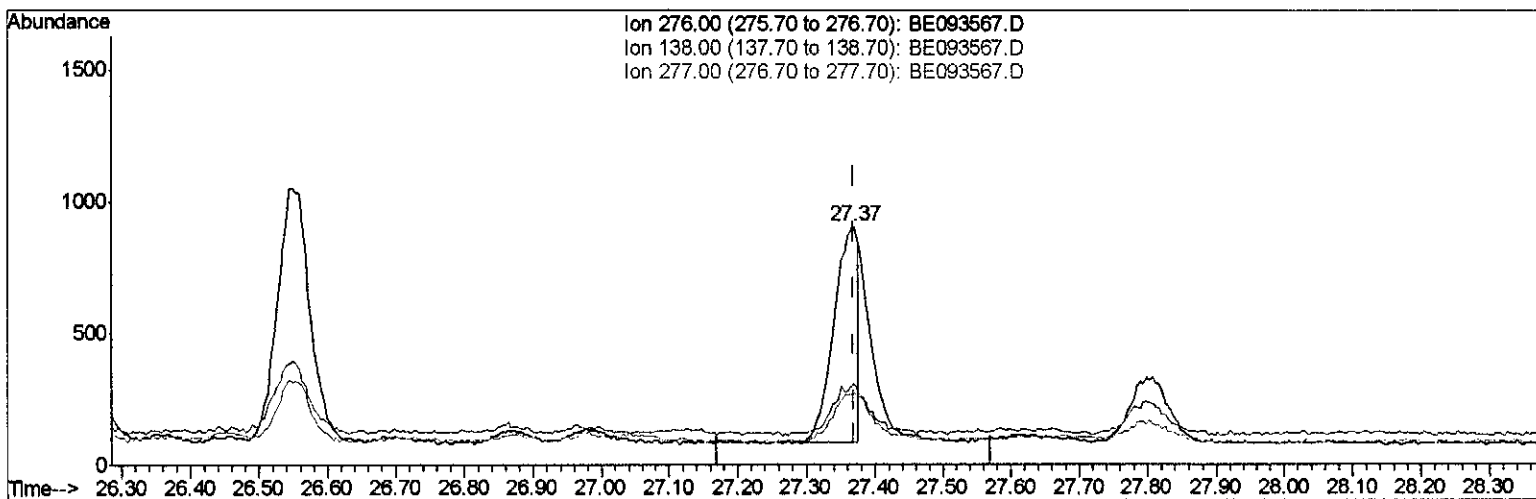
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093567.D
Acq On : 25 Jul 2017 8:49
Operator : SJ/JU
Sample : I4209-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
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Sohil
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TIC: BE093567.D

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

27.369min (-0.002) 0.04ng/ui

response 1961

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	34.66#
277.00	25.60	30.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

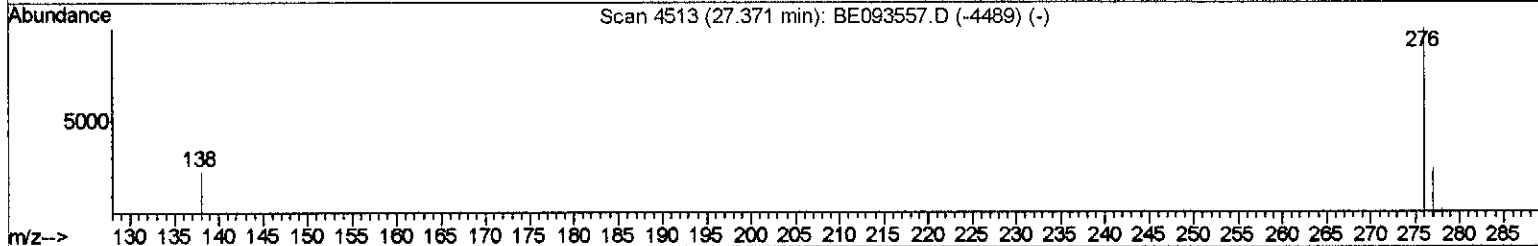
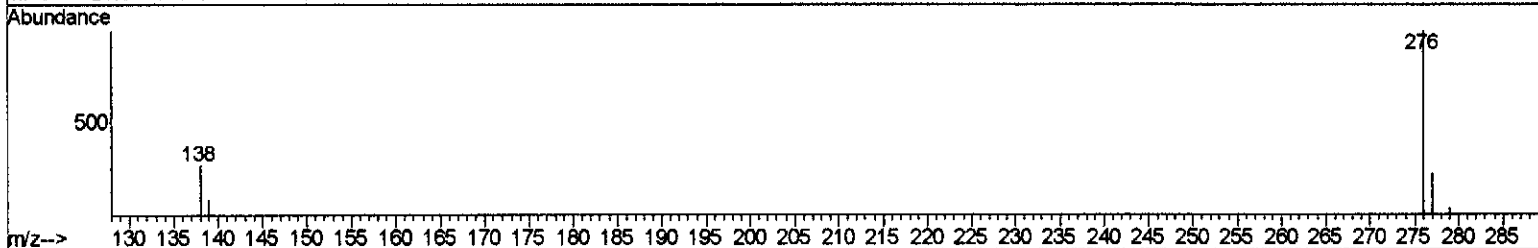
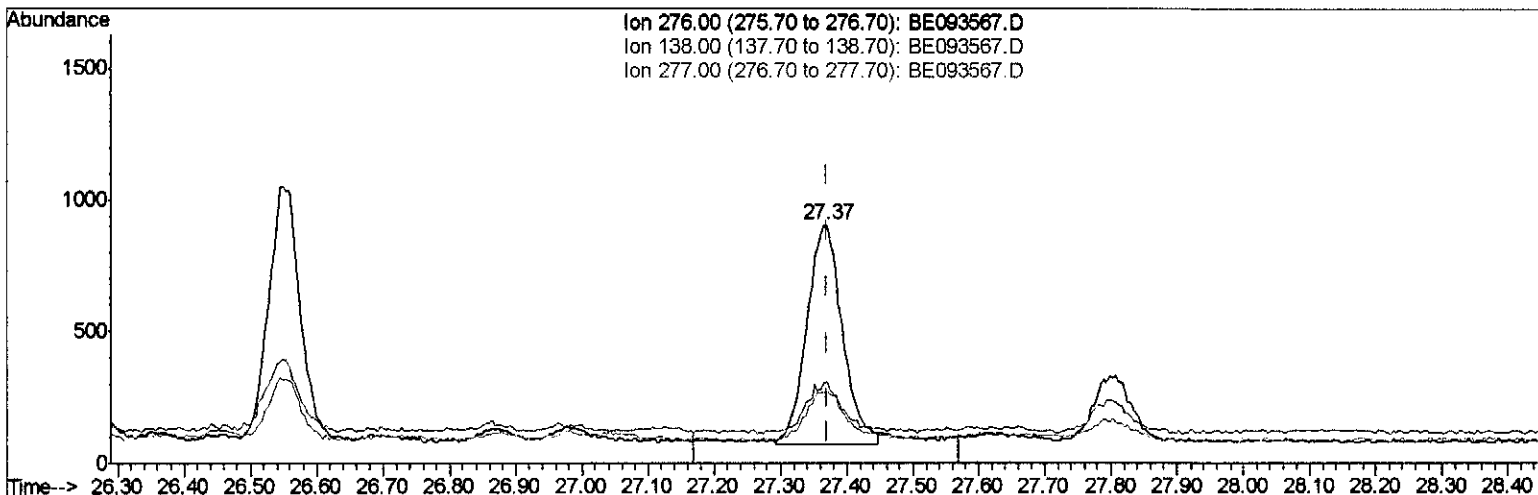
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093567.D
 Acq On : 25 Jul 2017 8:49
 Operator : SJ/JU
 Sample : I4209-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0B09

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:12 PM

Quant Time: Jul 25 12:07:16 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 Jul 25 06:10:24 2017
 Response via : Initial Calibration



TIC: BE093567.D

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

27.369min (-0.002) 0.06ng/ul m

response 3096

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	34.66%
277.00	25.60	30.90%
0.00	0.00	0.00

SJ
 8/8/17

Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093567.D
 Acq On : 25 Jul 2017 8:49
 Operator : SJ/JU
 Sample : I4209-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B09

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:12 PM

Quant Time: Jul 25 12:09:00 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 06:10:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2043	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	10840	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	7279	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18590m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	22842	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	18946m	0.40	ng/ul	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) 2-Methylnaphthalene-d10	12.29	152	5226	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	18417	0.31	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.76	128	1269	0.048	ng/ul#	89
12) Phenanthrene	17.29	178	1808	0.036	ng/ul#	90
15) Fluoranthene	19.30	202	5042	0.080	ng/ul	85
17) Pyrene	19.67	202	4974	0.075	ng/ul#	87
18) Benzo(a)anthracene	21.40	228	3527	0.053	ng/ul#	88
19) Chrysene	21.45	228	3690m	0.058	ng/ul	
21) Benzo(b)fluoranthene	23.15	252	5844	0.100	ng/ul	84
22) Benzo(k)fluoranthene	23.19	252	2451m	0.042	ng/ul	
23) Benzo(a)pyrene	23.80	252	4607m	0.083	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	3144m	0.051	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	3096m	0.060	ng/ul	

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