

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091140.D
 Acq On : 12 Nov 2015 12:05
 Operator : UM/NP
 Sample : G4322-13
 Misc :
 AIS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS4

Quant Time: Nov 13 16:45:56 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 13 13:56:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:42:31 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3653	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	20535	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	12280	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.12	188	29715m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.28	240	40510	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	44905	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	9431	3.59	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.07	152	3588	0.13	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	10306	0.12	ng/ul	0.00
Target Compounds						
5) Naphthalene	9.61	128	1966	0.04	ng/ul#	85
9) Acenaphthylene	13.14	152	9183	0.15	ng/ul	98
11) Fluorene	14.45	166	2272	0.04	ng/ul#	92
14) Phenanthrene	16.16	178	230137	0.67	ng/ul	97
15) Anthracene	16.24	178	52532m	0.17	ng/ul	
17) Fluoranthene	18.15	202	528377m	1.32	ng/ul	
19) Pyrene	18.53	202	528780	1.15	ng/ul#	80
20) Benzo(a)anthracene	20.26	228	54990m	0.53	ng/ul	
21) Chrysene	20.32	228	72569	0.61	ng/ul	97
23) Benzo(b)fluoranthene	21.62	252	56780	0.41	ng/ul	97
24) Benzo(k)fluoranthene	21.65	252	59760	0.42	ng/ul	95
25) Benzo(a)pyrene	22.09	252	60854	0.47	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	23.83	276	164877m	0.30	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	10296	0.08	ng/ul#	65
28) Benzo(g,h,i)perylene	24.40	276	163888	0.29	ng/ul	97

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

V.M
 11/24/15

Quantitation Report (Qedit)

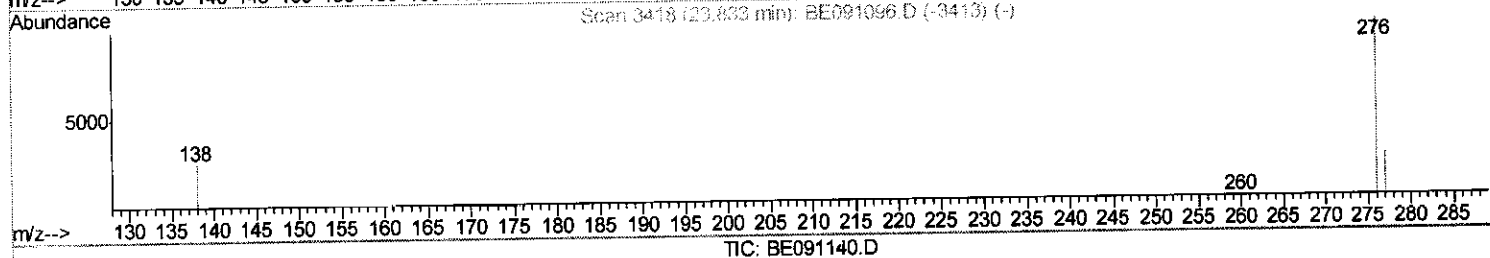
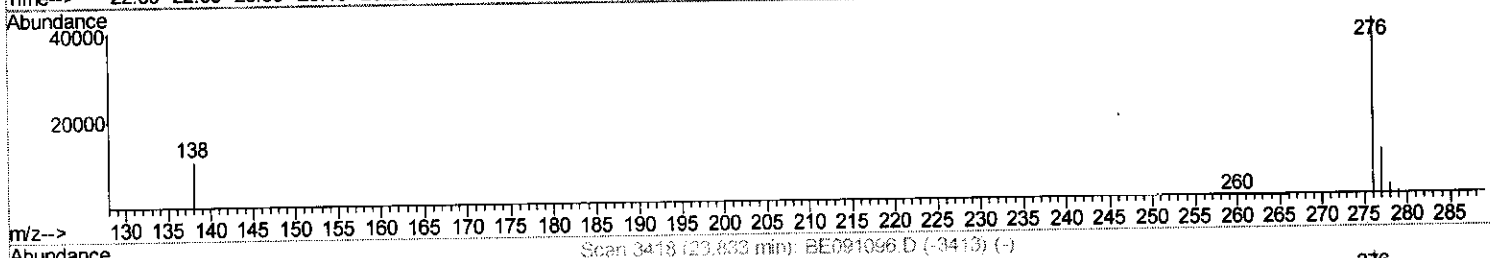
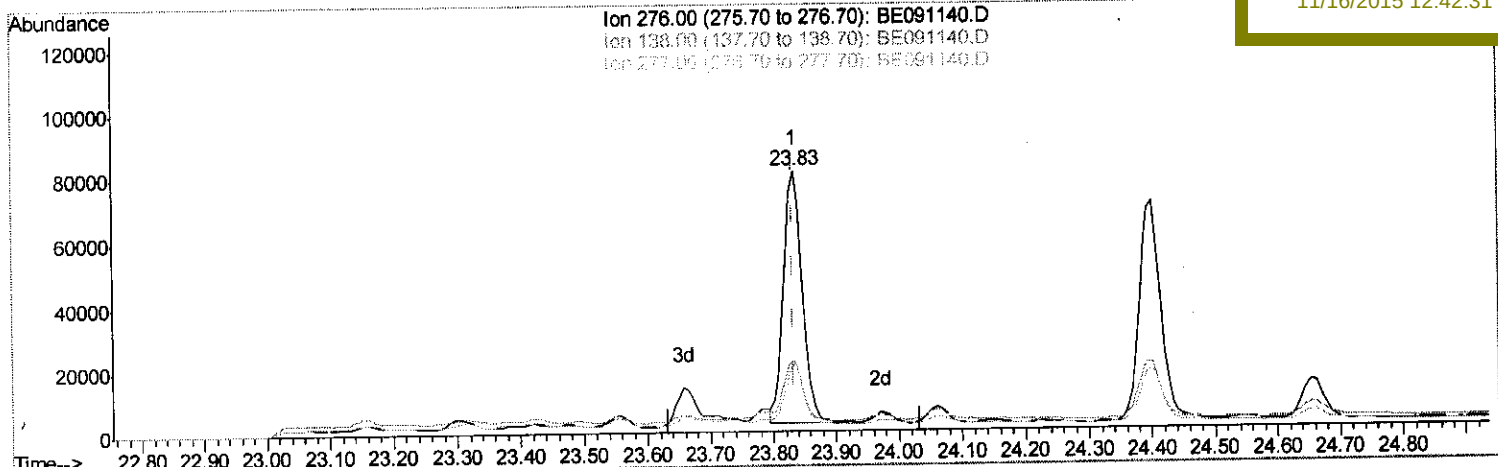
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091140.D
 Acq On : 12 Nov 2015 12:05
 Operator : UM/NP
 Sample : G4322-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS4

Quant Time: Nov 13 16:44:20 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 13 13:56:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:42:31 PM



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

23.833min (-0.000) 0.30ng/ul m

response 164877

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	24.48#
277.00	24.10	24.98
0.00	0.00	0.00

U.M
 11/24/15

Quantitation Report (Qedit)

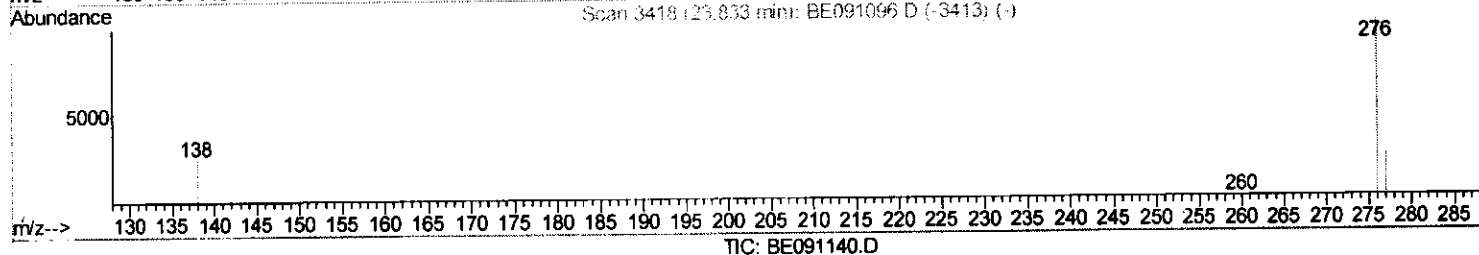
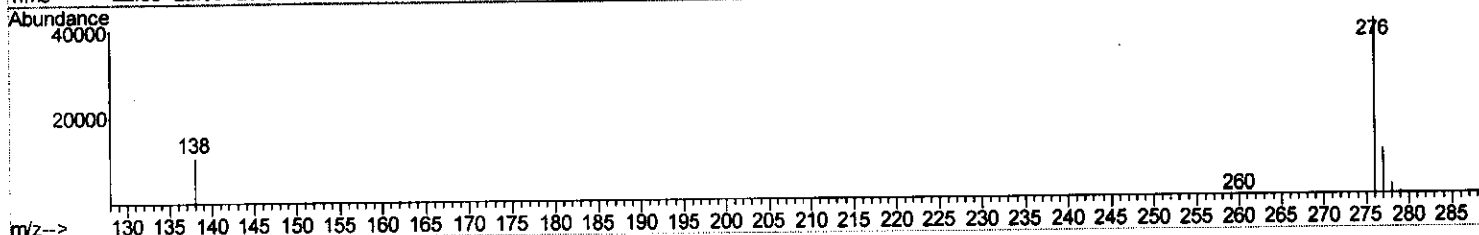
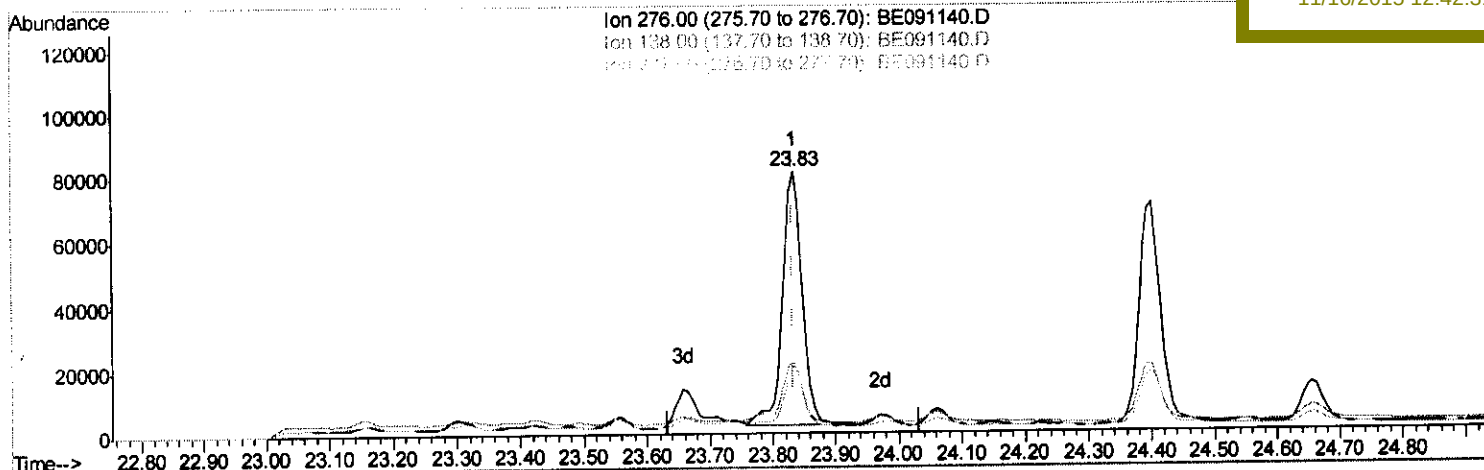
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091140.D
 Acq On : 12 Nov 2015 12:05
 Operator : UM/NP
 Sample : G4322-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS4

Quant Time: Nov 13 16:44:20 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 13 13:56:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:42:31 PM



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

23.833min (-0.000) 0.32ng/ul

response 172579

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	23.39#
277.00	24.10	23.87
0.00	0.00	0.00

Quantitation Report (Qedit)

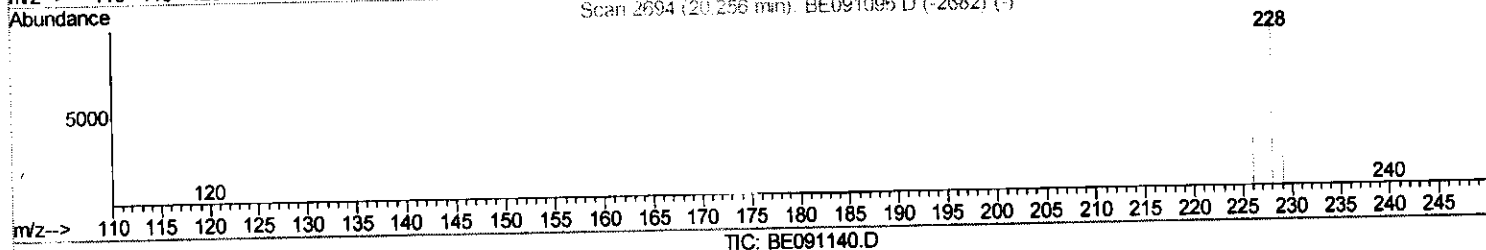
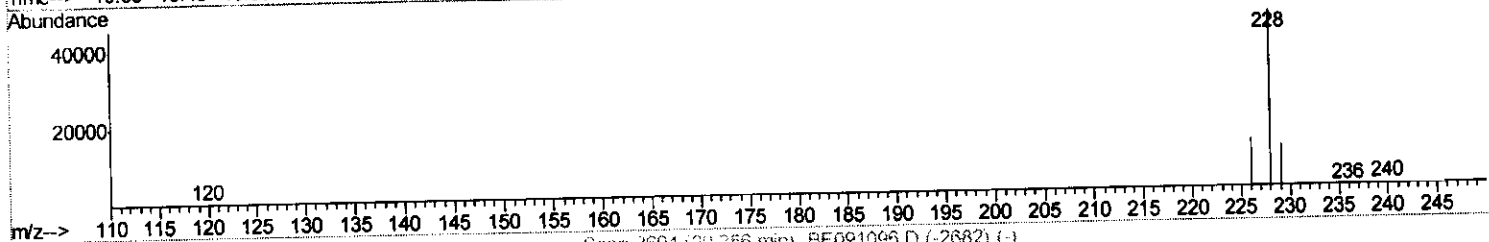
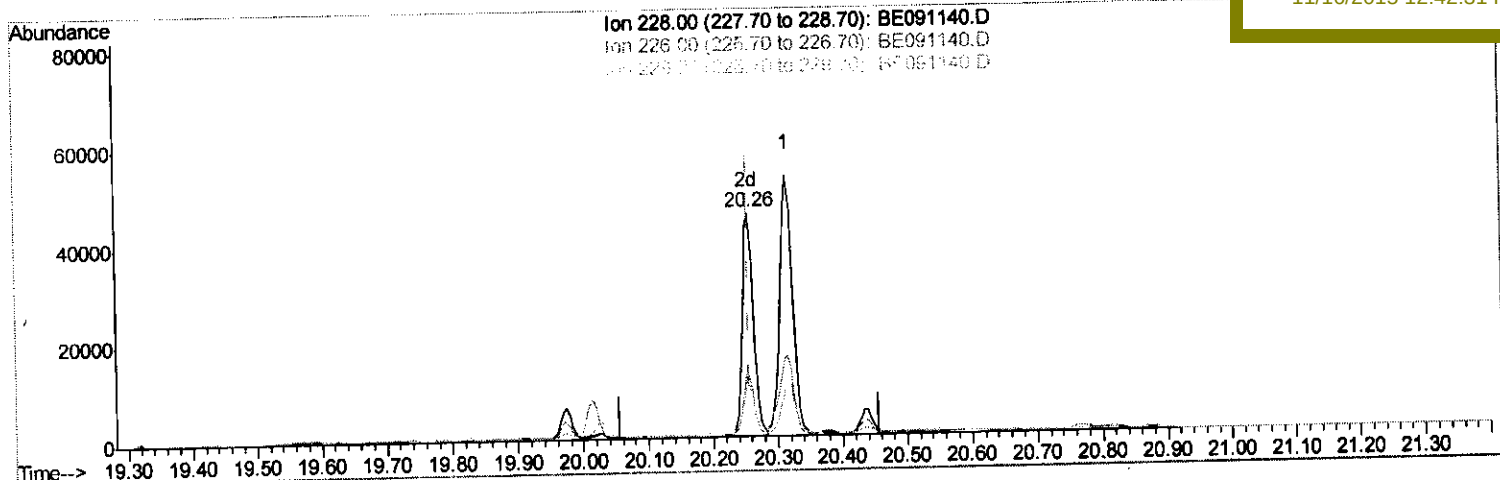
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091140.D
 Acq On : 12 Nov 2015 12:05
 Operator : UM/NP
 Sample : G4322-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS4

Quant Time: Nov 13 16:44:20 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 13 13:56:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:42:31 PM



(20) Benzo(a)anthracene

20.256min (+0.000) 0.53ng/ul m

response 54990

Ion Exp% Act%

228.00 100 100

226.00 28.70 27.32

229.00 19.00 23.43#

0.00 0.00 0.00

U.M
 11/24/15

Quantitation Report (Qedit)

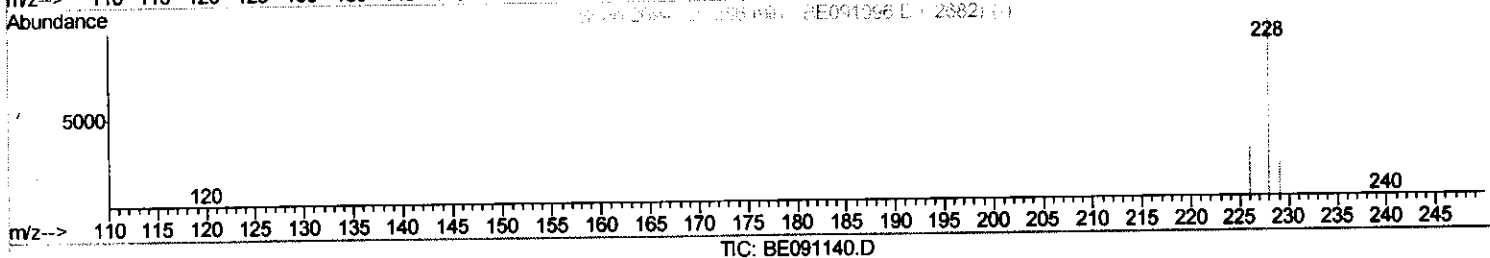
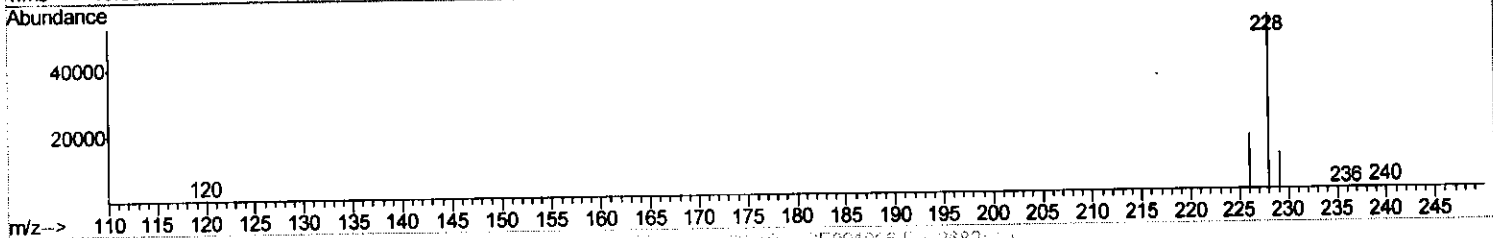
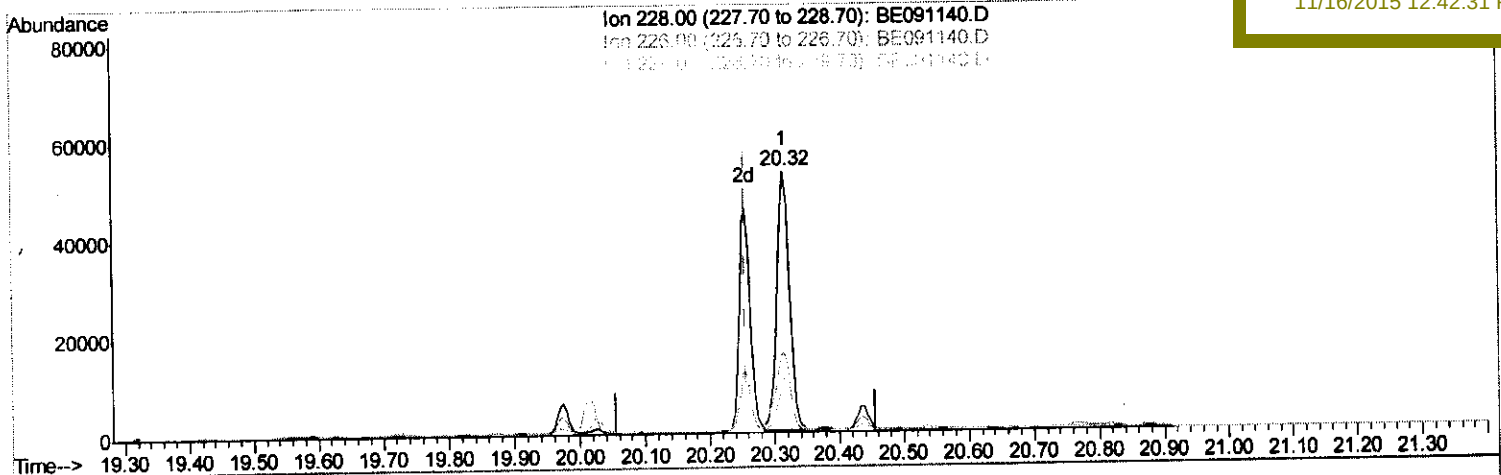
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091140.D
 Acq On : 12 Nov 2015 12:05
 Operator : UM/NP
 Sample : G4322-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS4

Quant Time: Nov 13 16:44:20 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 13 13:56:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:42:31 PM



(20) Benzo(a)anthracene
 20.315min (+0.060) 0.69ng/ul
 response 72175

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	31.09
229.00	19.00	21.08
0.00	0.00	0.00

Quantitation Report (Qedit)

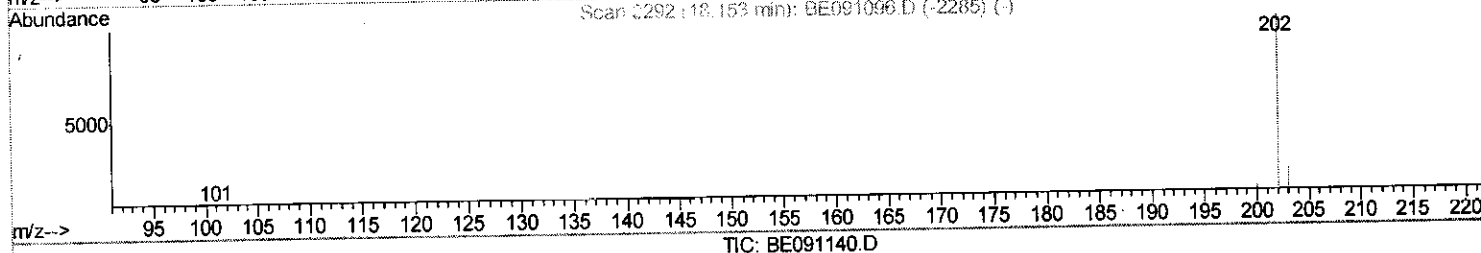
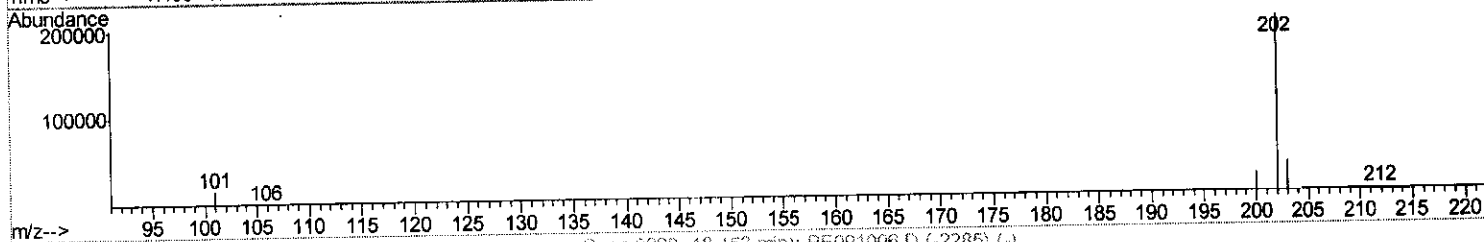
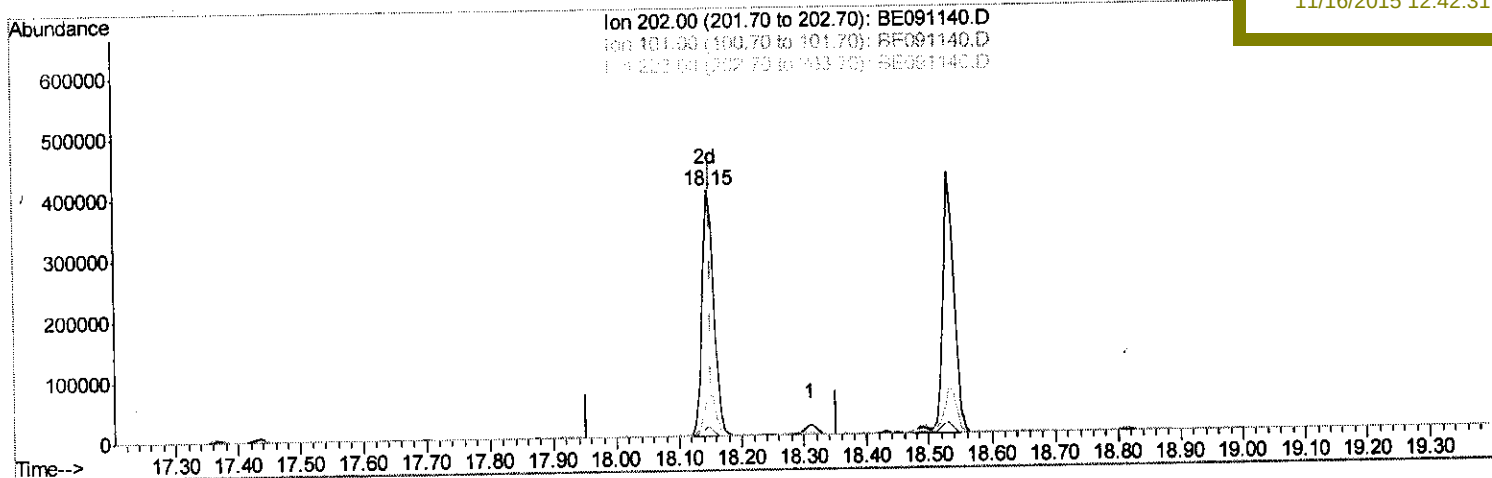
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091140.D
 Acq On : 12 Nov 2015 12:05
 Operator : UM/NP
 Sample : G4322-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS4

Quant Time: Nov 13 16:44:20 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 13 13:56:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:42:31 PM



(17) Fluoranthene (C)

18.147min (-0.006) 1.32ng/ul m

response 528377

Ion	Exp%	Act%
202.00	100	100
101.00	13.10	7.52
203.00	17.20	16.84
0.00	0.00	0.00

U.M
 11/24/15

Quantitation Report (Qedit)

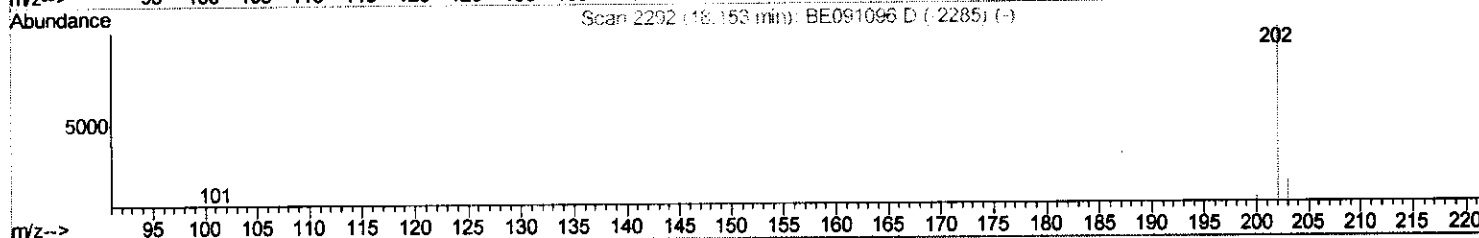
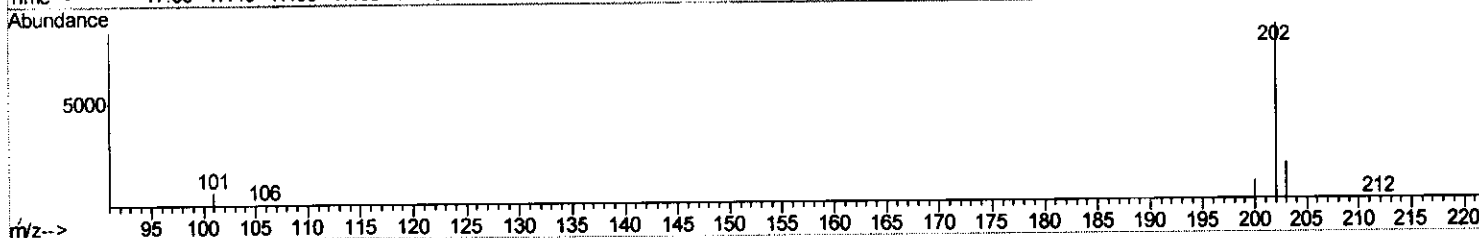
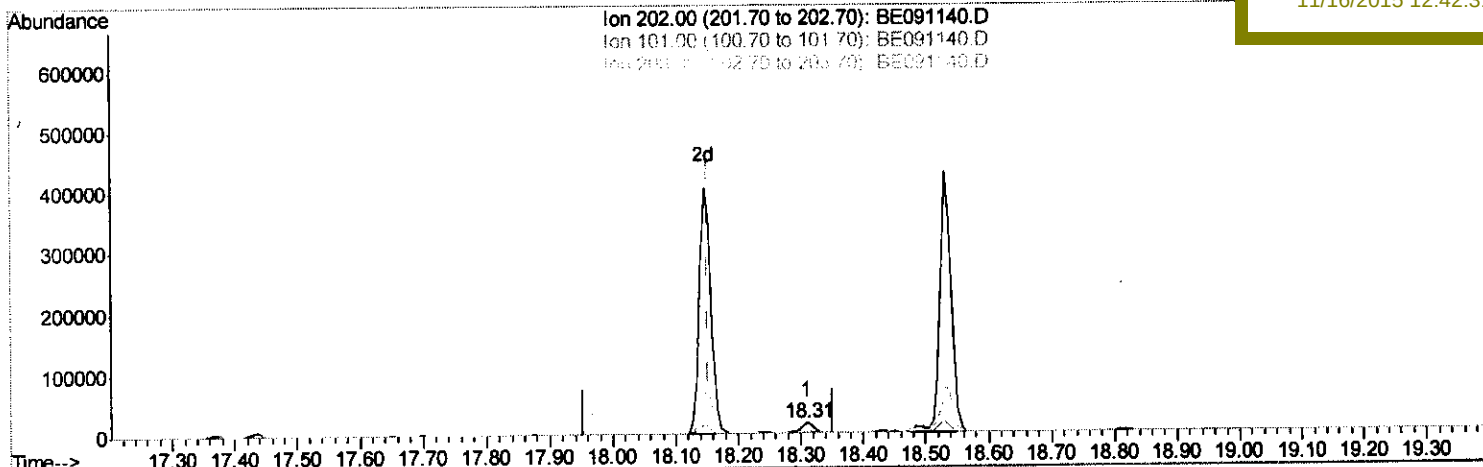
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091140.D
 Acq On : 12 Nov 2015 12:05
 Operator : UM/NP
 Sample : G4322-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS4

Quant Time: Nov 13 16:44:20 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 13 13:56:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:42:31 PM



TIC: BE091140.D

(17) Fluoranthene (C)

18.310min (+0.157) 0.06ng/ul

response 22601

Ion	Exp%	Act%
202.00	100	100
101.00	13.10	4.47
203.00	17.20	22.12
0.00	0.00	0.00

Quantitation Report (Qedit)

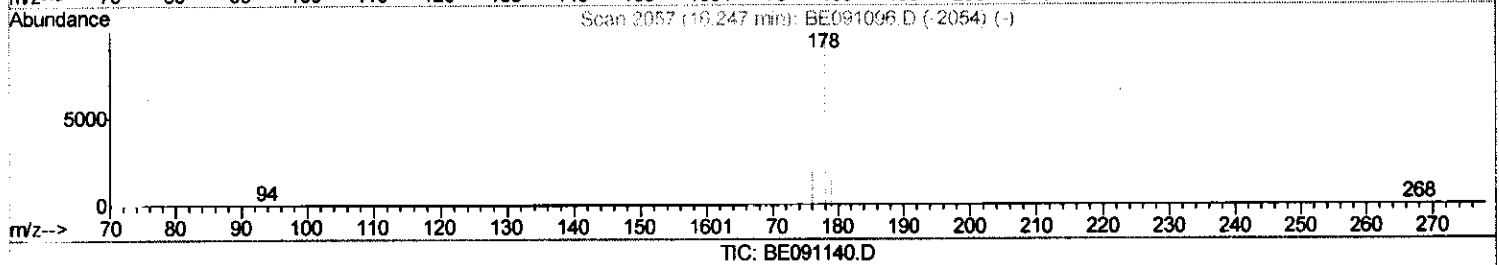
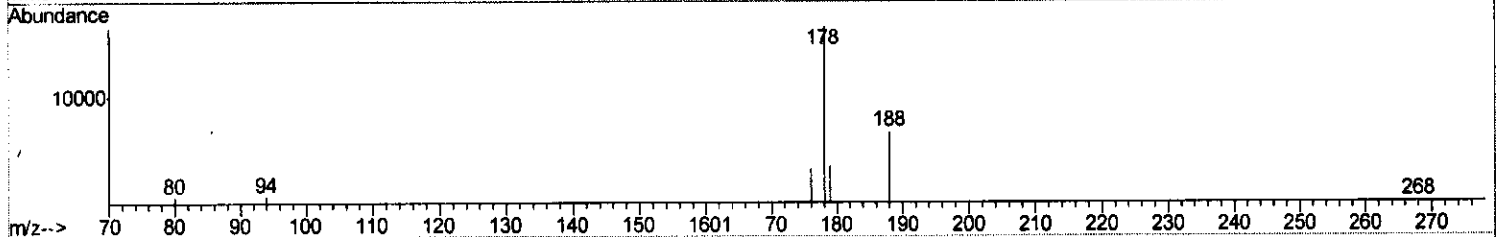
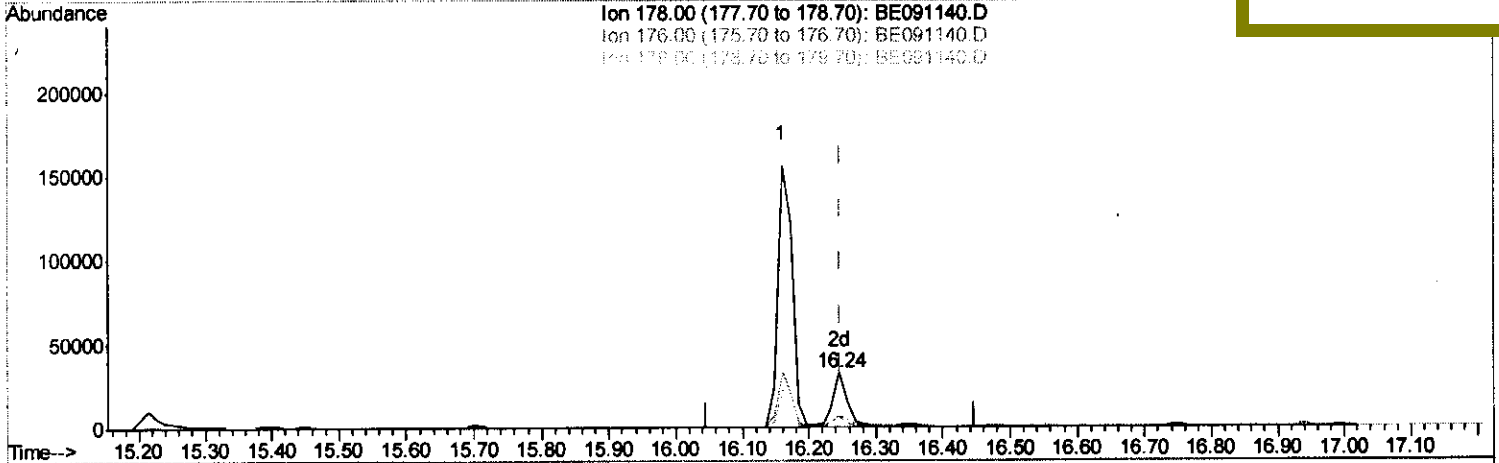
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091140.D
 Acq On : 12 Nov 2015 12:05
 Operator : UM/NP
 Sample : G4322-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS4

Quant Time: Nov 13 16:44:20 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 13 13:56:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:42:31 PM



(15) Anthracene

16.245min (-0.002) 0.17ng/ul m

response 52532

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	19.73
179.00	16.60	20.73#
0.00	0.00	0.00

U.M
 11/24/15

Quantitation Report (Qedit)

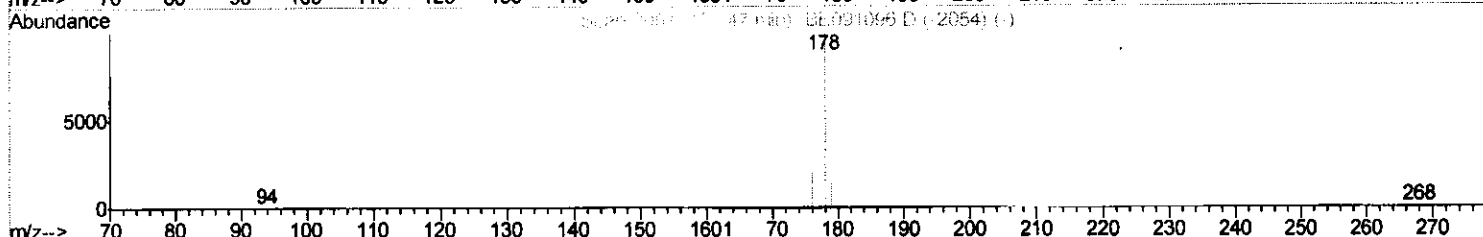
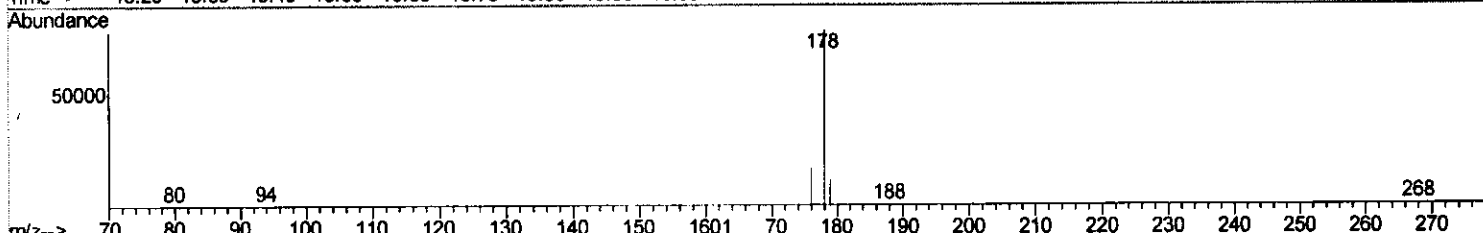
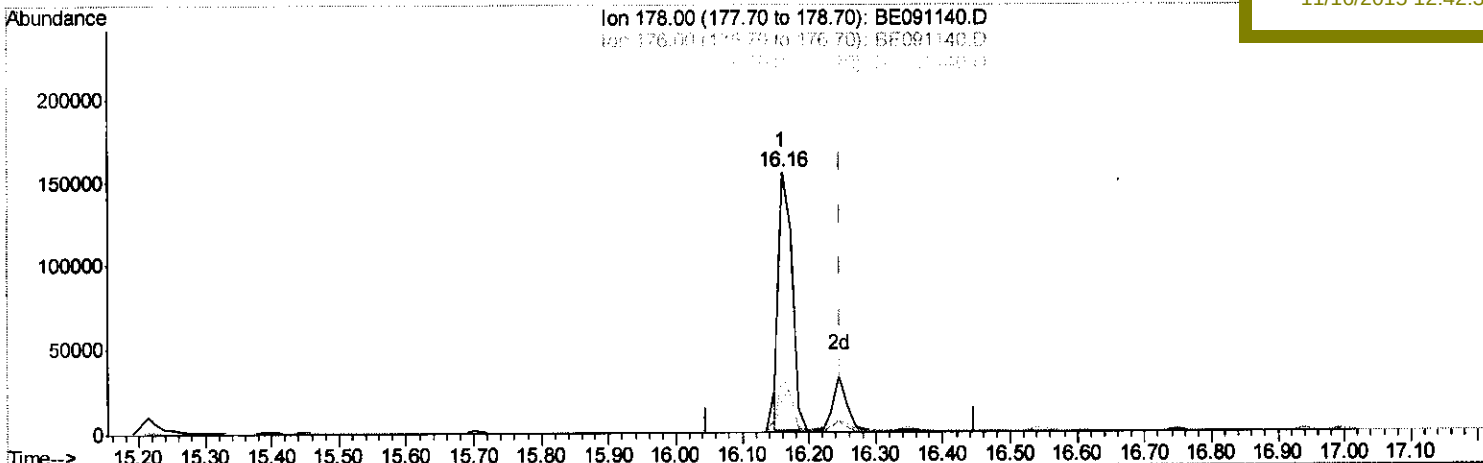
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091140.D
 Acq On : 12 Nov 2015 12:05
 Operator : UM/NP
 Sample : G4322-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS4

Quant Time: Nov 13 16:44:20 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 13 13:56:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:42:31 PM



TIC: BE091140.D

(15) Anthracene

16.160min (-0.087) 0.67ng/ul

response 207742

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	21.26
179.00	16.60	14.52
0.00	0.00	0.00

Quantitation Report (Qedit)

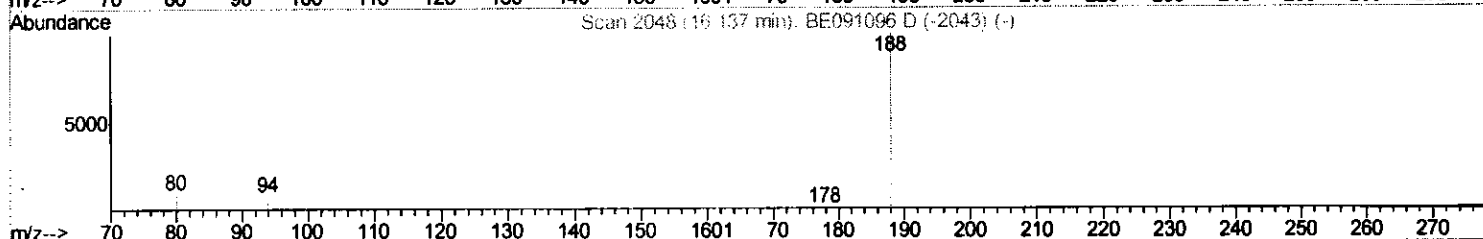
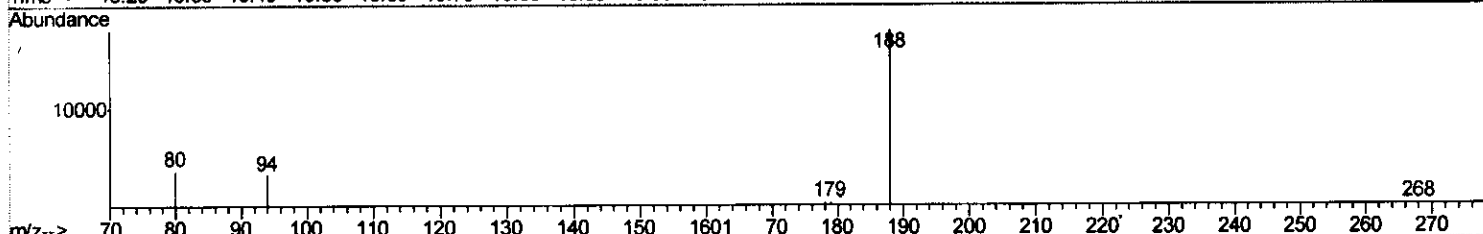
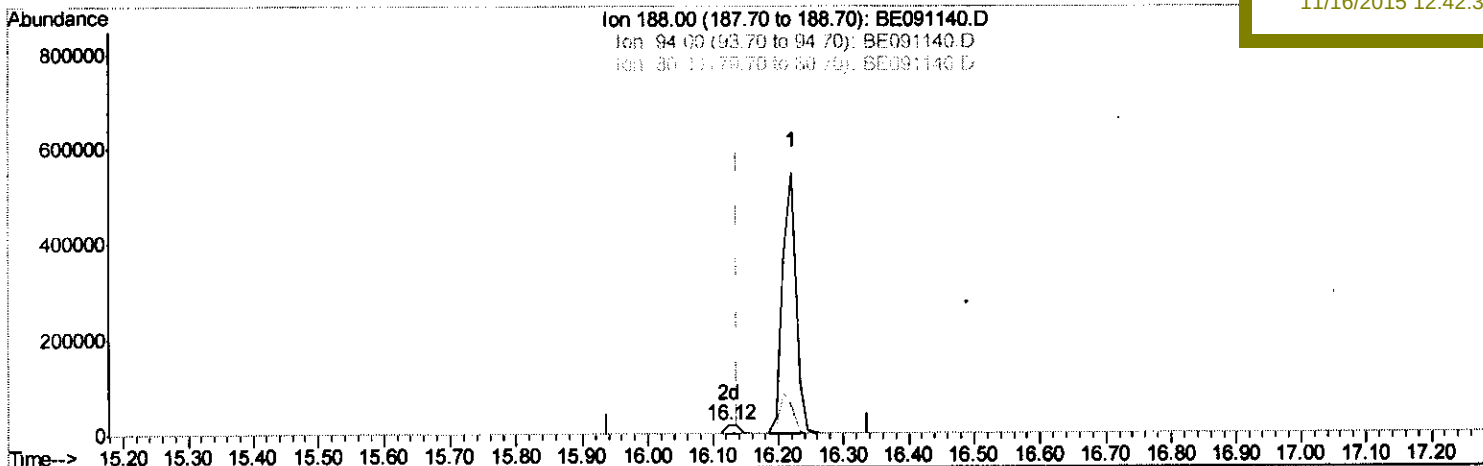
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091140.D
Acq On : 12 Nov 2015 12:05
Operator : UM/NP
Sample : G4322-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A4HS4

Quant Time: Nov 13 15:23:05 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:42:31 PM



TIC: BE091140.D

(12) Phenanthrene-d10 (I)

16.124min (-0.014) 0.40ng/ul m

response 29715

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	17.81#
80.00	8.90	20.36#
0.00	0.00	0.00

U.M
11/24/15

Quantitation Report (Qedit)

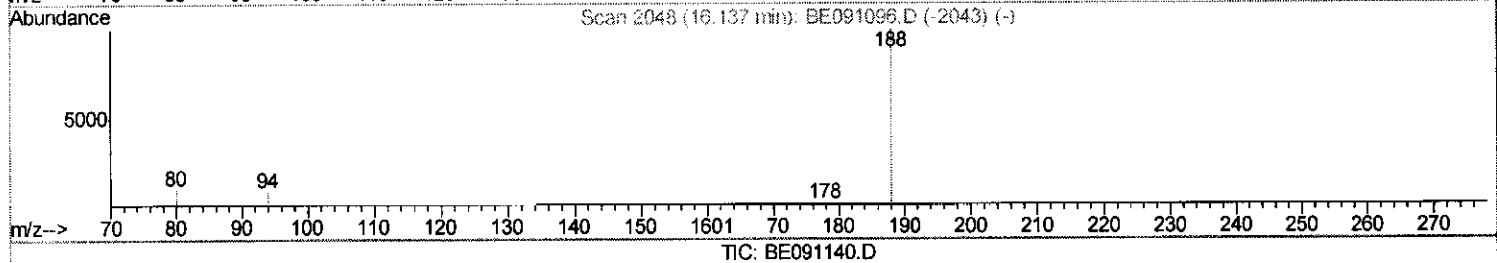
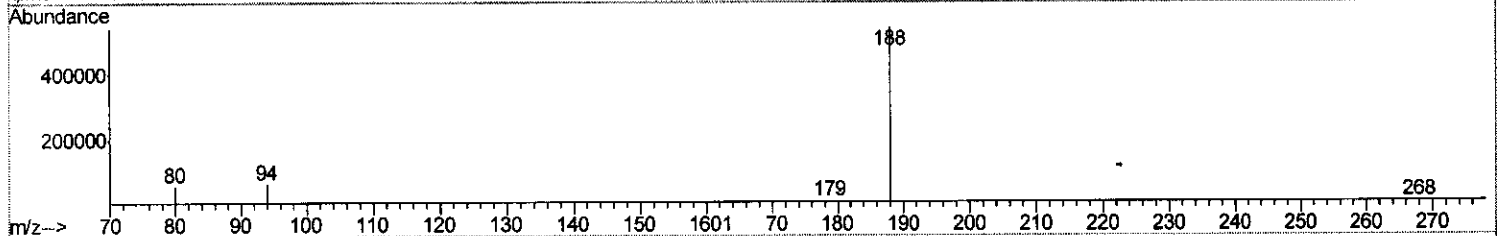
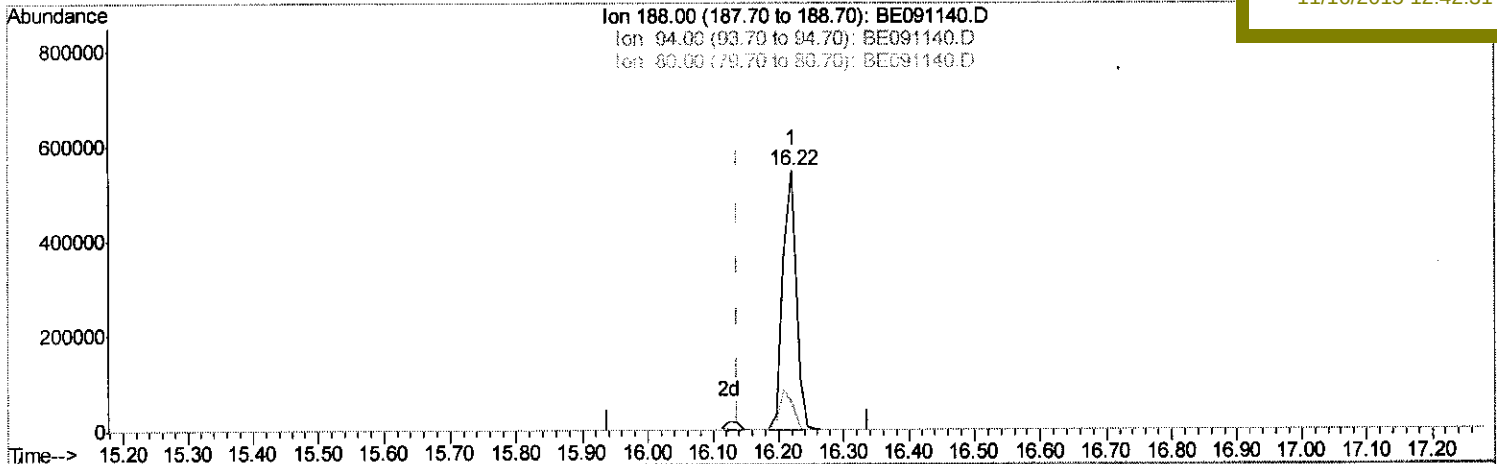
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091140.D
 Acq On : 12 Nov 2015 12:05
 Operator : UM/NP
 Sample : G4322-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS4

Quant Time: Nov 13 15:23:05 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 13 13:56:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:42:31 PM



(12) Phenanthrene-d10 (I)
 16.221min (+0.083) 0.40ng/ul
 response 772827

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	10.67
80.00	8.90	9.50
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091140.D
Acq On : 12 Nov 2015 12:05
Operator : UM/NP
Sample : G4322-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A4HS4

Quant Time: Nov 13 16:45:56 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:42:31 PM

