

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091139.D
 Acq On : 12 Nov 2015 11:29
 Operator : UM/NP
 Sample : G4322-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS2

Quant Time: Nov 13 16:40:10 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
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	3450	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	19437	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	11339	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.12	188	29619m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.29	240	37606	0.40	ng/ul	0.00
22) Perylene-d12	22.20	264	40303	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	10834	4.37	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	3437	0.13	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	9846	0.12	ng/ul	0.00
Target Compounds						
5) Naphthalene	9.61	128	73013	1.52	ng/ul	99
7) 2-Methylnaphthalene	11.14	142	20059	0.64	ng/ul	98
9) Acenaphthylene	13.15	152	30486	0.54	ng/ul	98
10) Acenaphthene	13.46	153	27333	0.70	ng/ul	92
11) Fluorene	14.45	166	37941	0.76	ng/ul	91
14) Phenanthrene	16.16	178	2618094	7.65	ng/ul	98
15) Anthracene	16.25	178	732774m	2.36	ng/ul	
17) Fluoranthene	18.15	202	3968822m	9.92	ng/ul	
19) Pyrene	18.54	202	3883290	9.09	ng/ul#	77
20) Benzo(a)anthracene	20.26	228	553978m	5.74	ng/ul	
21) Chrysene	20.32	228	558145	5.02	ng/ul	97
23) Benzo(b)fluoranthene	21.63	252	406081	3.23	ng/ul	99
24) Benzo(k)fluoranthene	21.66	252	397888m	3.08	ng/ul	
25) Benzo(a)pyrene	22.10	252	507167	4.38	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	23.87	276	1228215m	2.52	ng/ul	
27) Dibenzo(a,h)anthracene	23.81	278	115991	1.00	ng/ul#	70
28) Benzo(g,h,i)perylene	24.42	276	1268717	2.48	ng/ul	96

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

O.M
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Quantitation Report (Qedit)

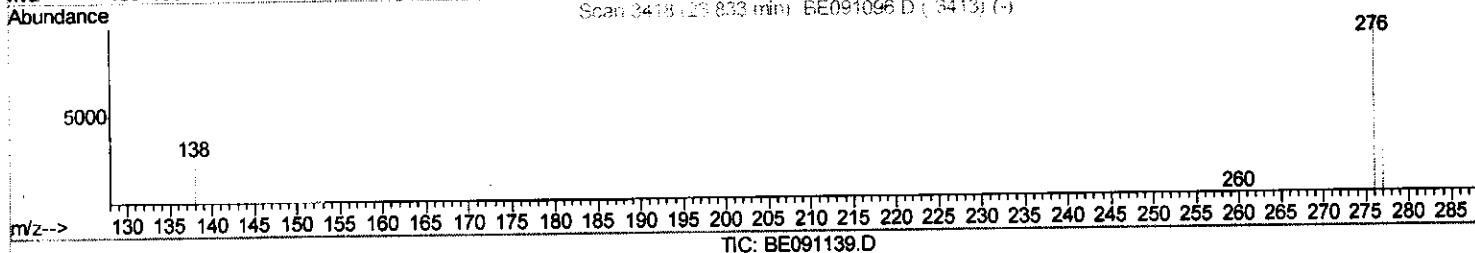
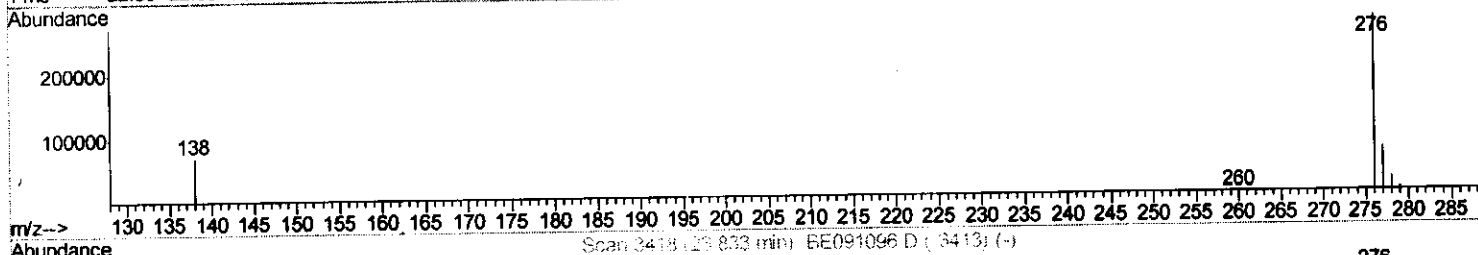
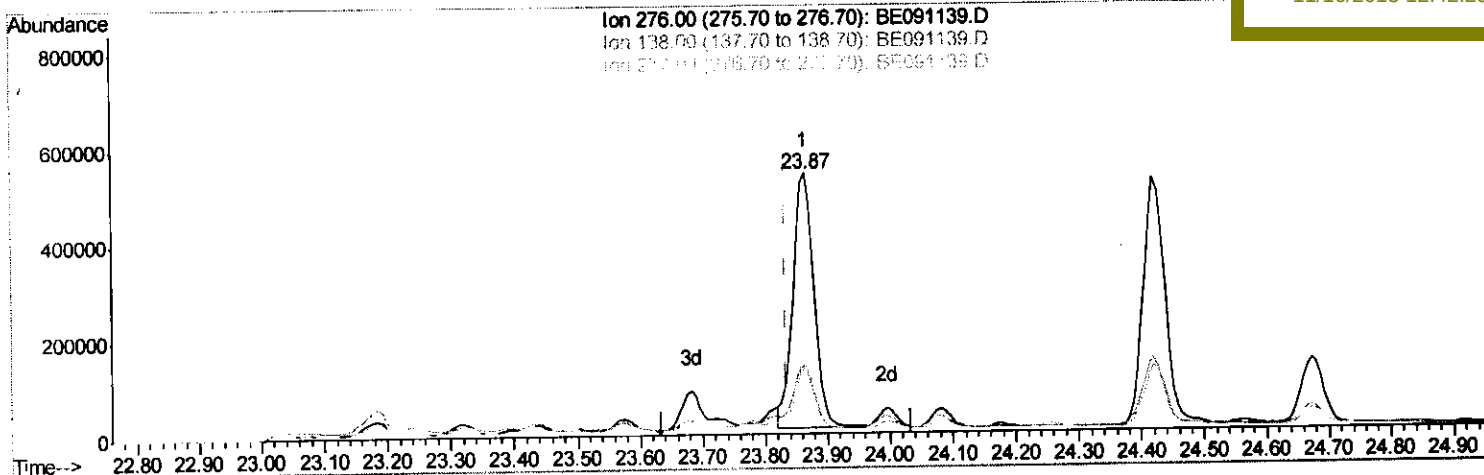
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091139.D
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Manual Integrations
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(26) Indeno(1,2,3-cd)pyrene

23.865min (+0.032) 2.52ng/ul m

response 1228215

Ion Exp% Act%

276.00 100 100

138.00 34.40 23.58#

277.00 24.10 25.36

0.00 0.00 0.00

U.M
 11/24/15

Quantitation Report (Qedit)

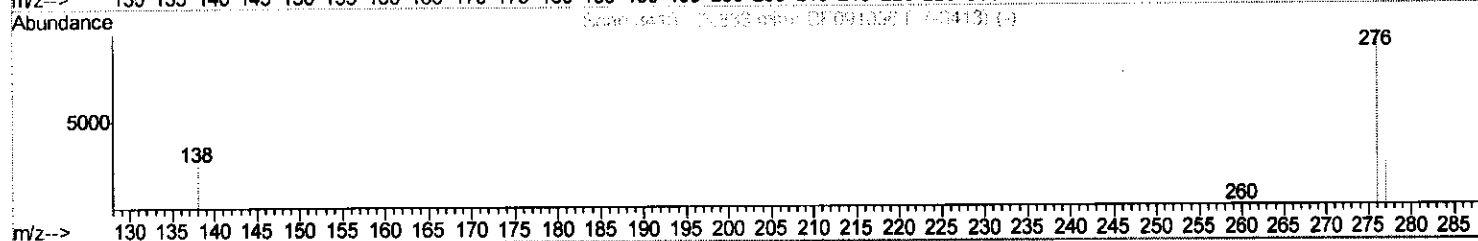
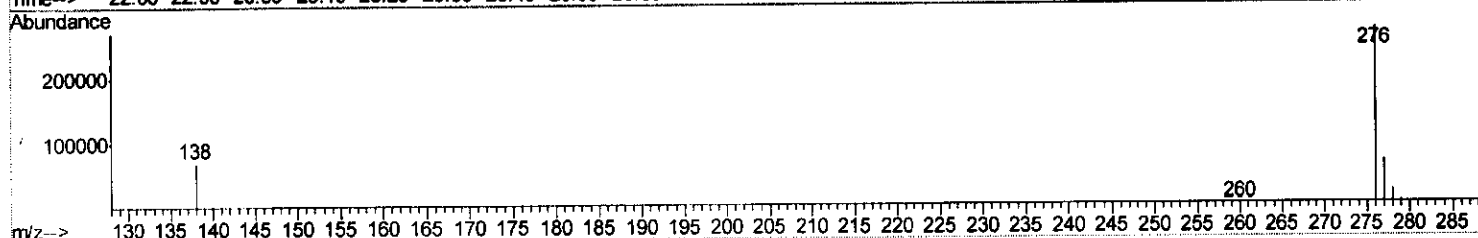
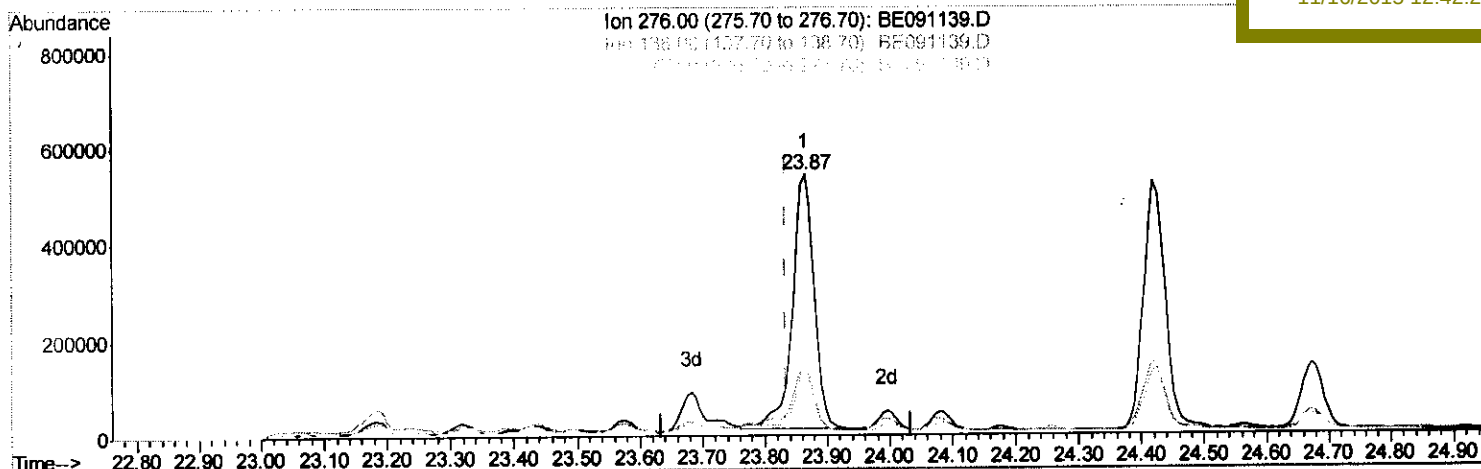
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
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Manual Integrations
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TIC: BE091139.D

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

23.865min (+0.032) 2.65ng/ul

response 1293699

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	22.39#
277.00	24.10	24.07
0.00	0.00	0.00

Quantitation Report (Qedit)

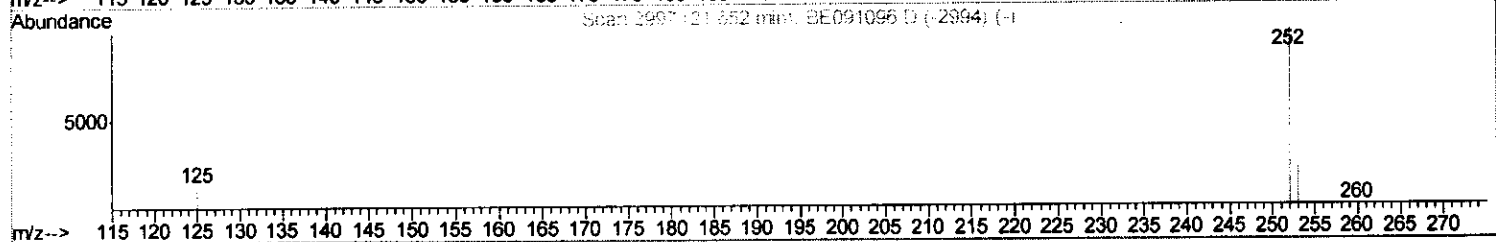
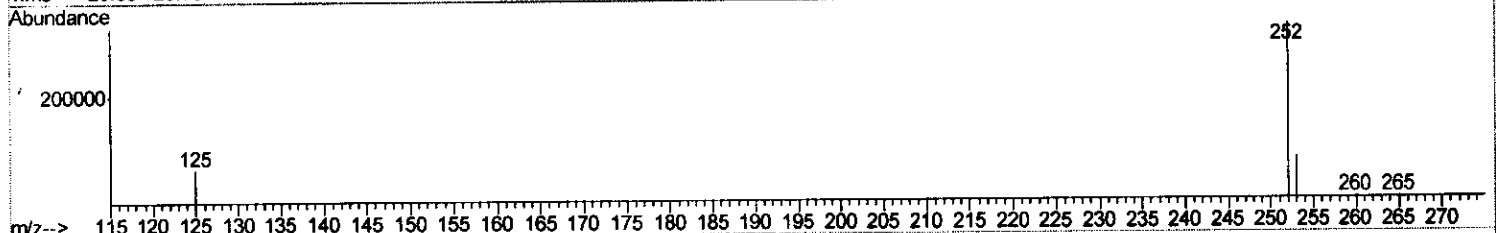
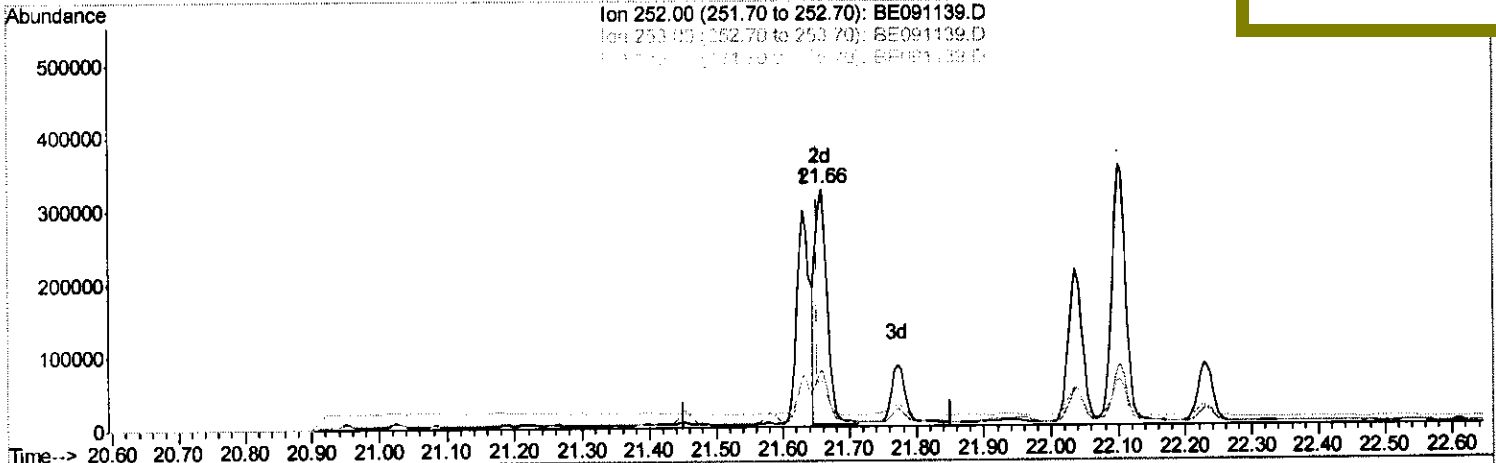
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Instrument :
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 11/16/2015 12:42:29 PM



TIC: BE091139.D

(24) Benzo(k)fluoranthene

21.658min (+0.006) 3.08ng/ul m

response 397888

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	23.80
125.00	15.30	19.30#
0.00	0.00	0.00

U.M
 11/24/15

Quantitation Report (Qedit)

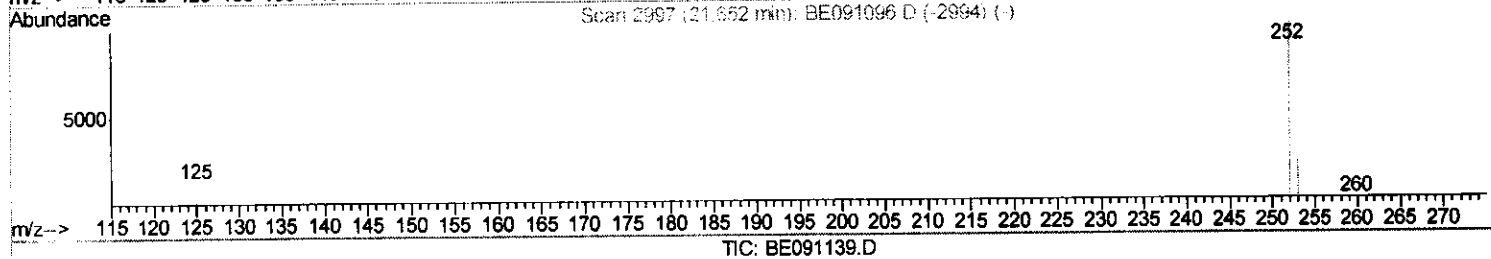
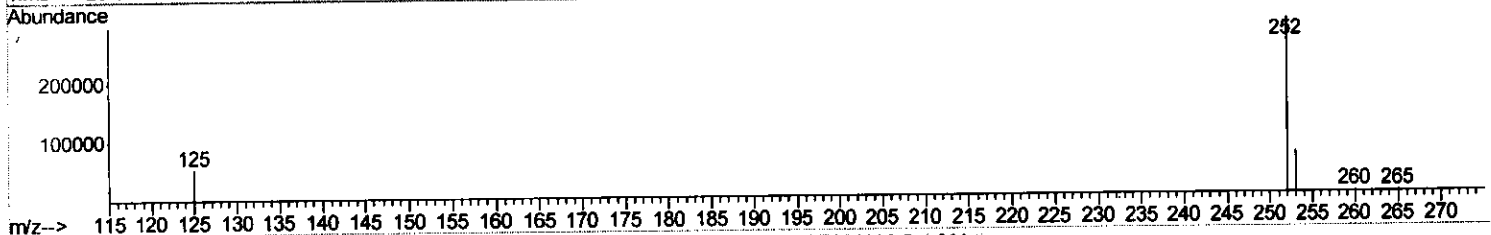
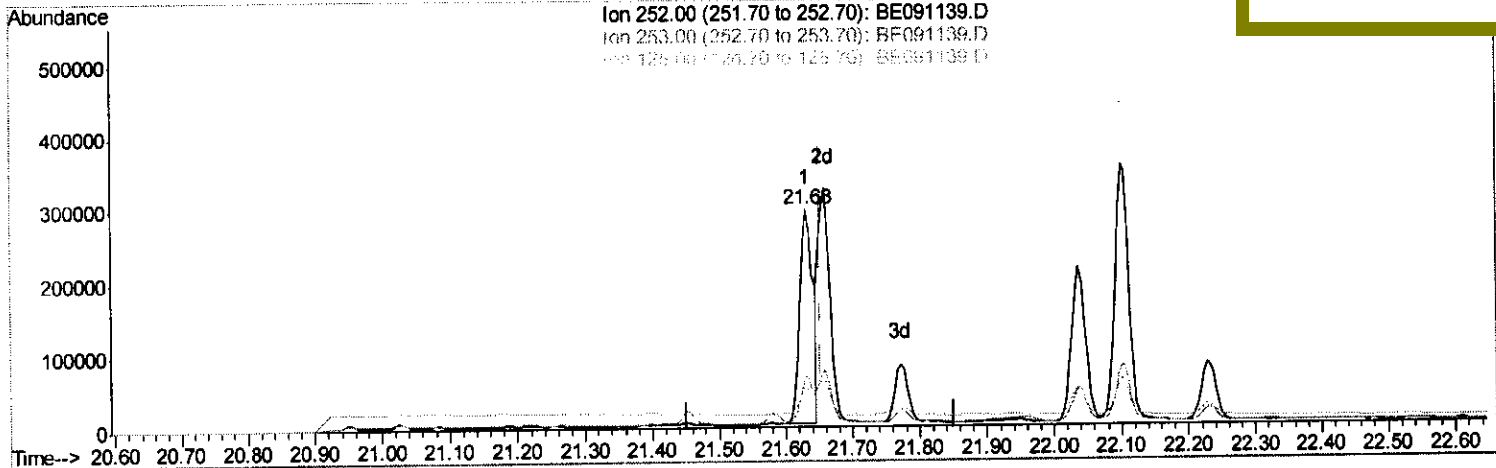
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091139.D
 Acq On : 12 Nov 2015 11:29
 Operator : UM/NP
 Sample : G4322-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A4HS2

Quant Time: Nov 13 16:38:08 2015
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Manual Integrations
 APPROVED

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(24) Benzo(k)fluoranthene

21.631min (-0.021) 3.15ng/ul

response 406081

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	23.64
125.00	15.30	18.17
0.00	0.00	0.00

Quantitation Report (Qedit)

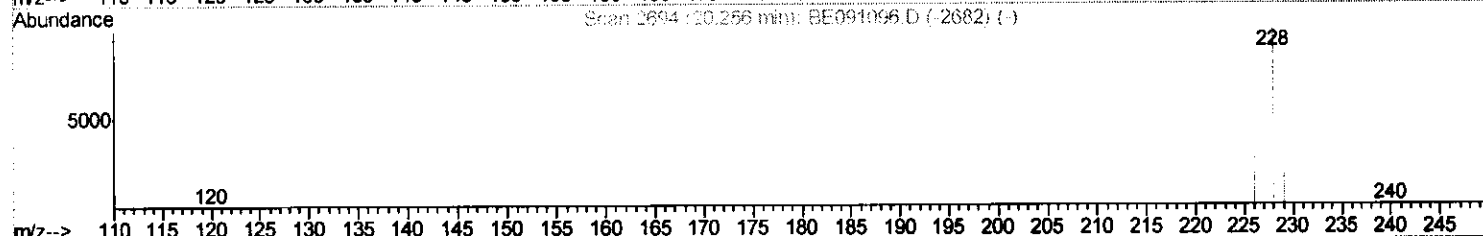
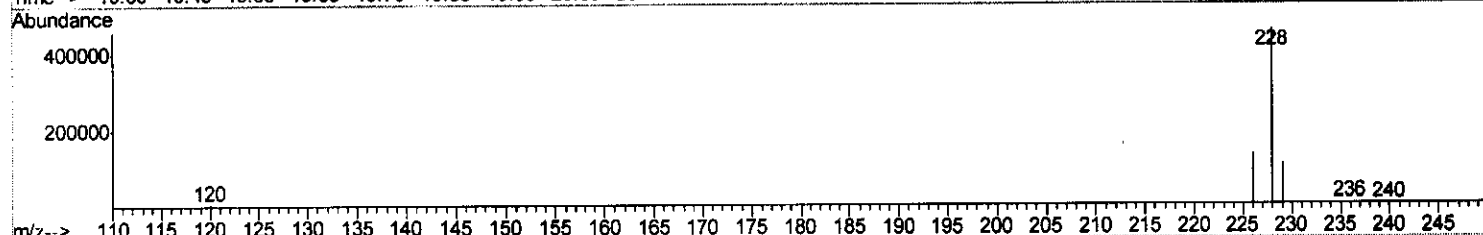
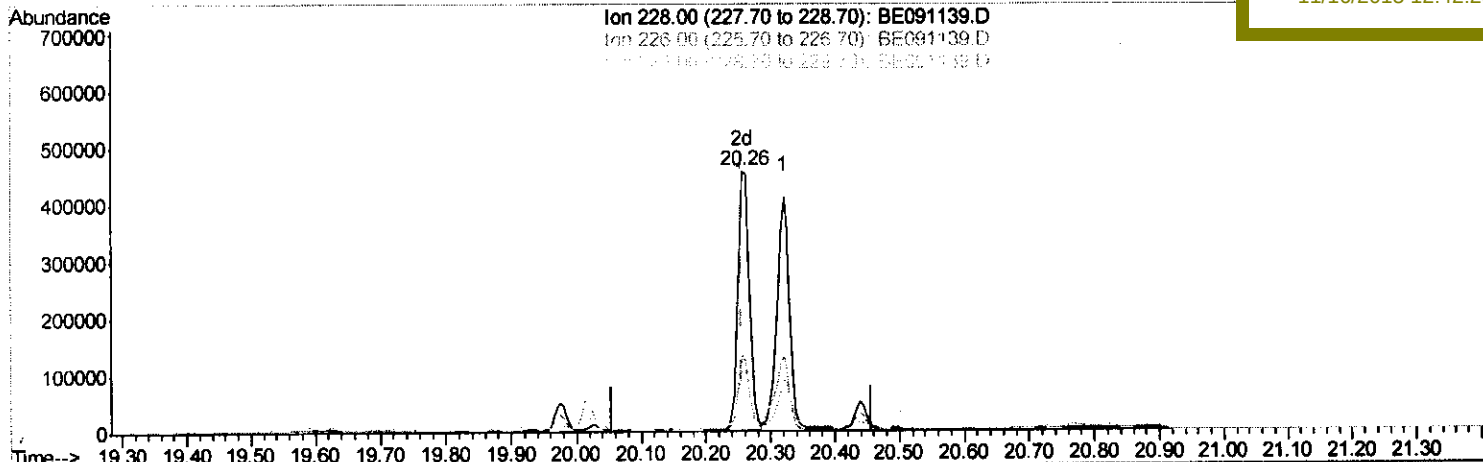
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091139.D
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 Operator : UM/NP
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 ALS Vial : 24 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BE091139.D

(20) Benzo(a)anthracene

20.257min (+0.001) 5.74ng/ul m

response 553978

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	29.41
229.00	19.00	23.47#
0.00	0.00	0.00

U.M
 11/26/15

Quantitation Report (Qedit)

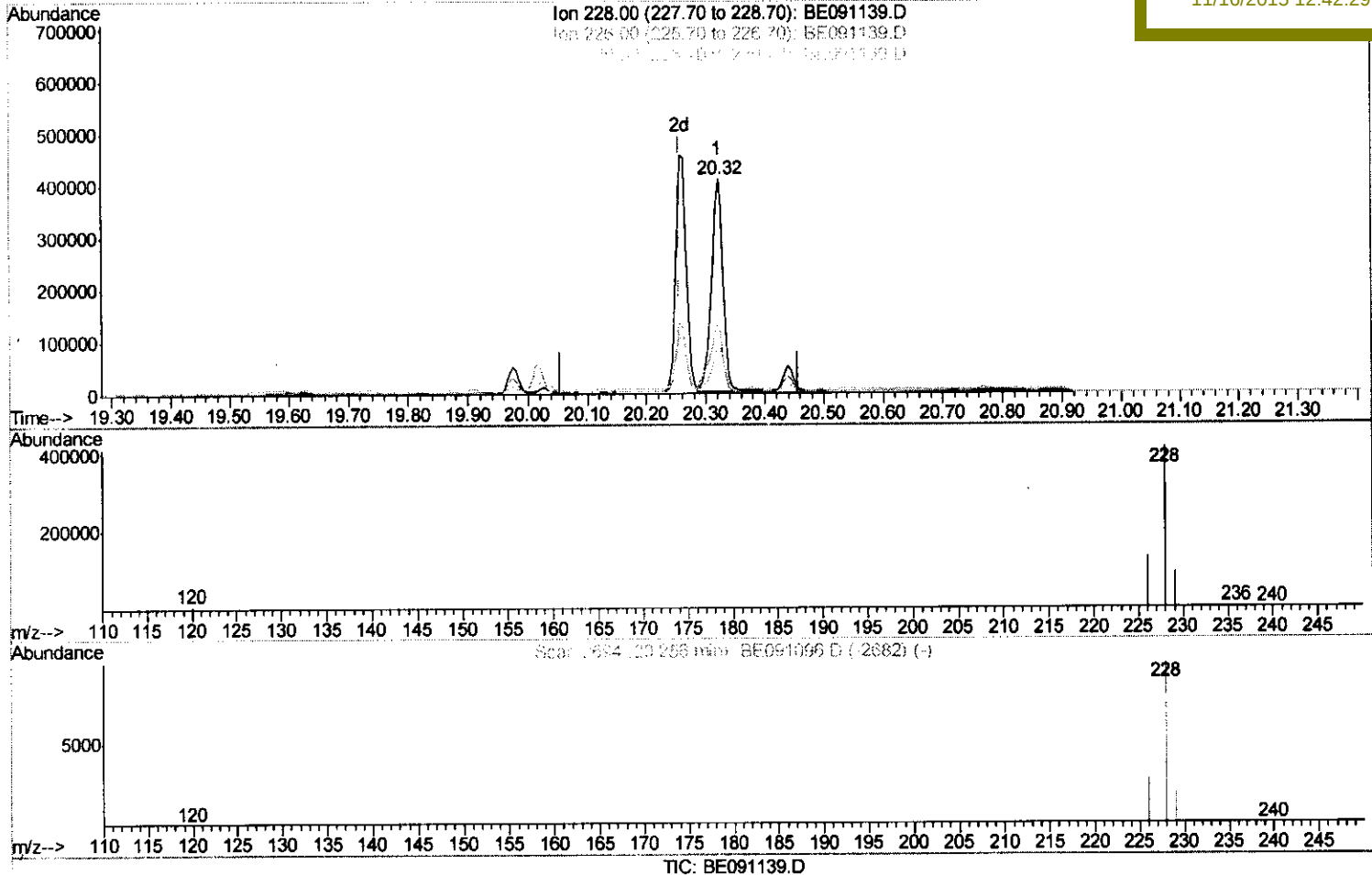
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091139.D
 Acq On : 12 Nov 2015 11:29
 Operator : UM/NP
 Sample : G4322-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS2

Quant Time: Nov 13 16:38:08 2015
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Manual Integrations
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(20) Benzo(a)anthracene
 20.321min (+0.065) 5.75ng/ul
 response 554873

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	32.10
229.00	19.00	22.13
0.00	0.00	0.00

Quantitation Report (Qedit)

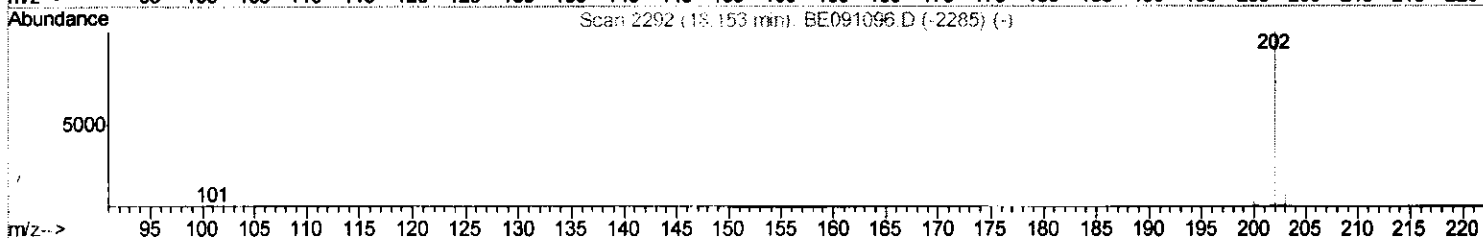
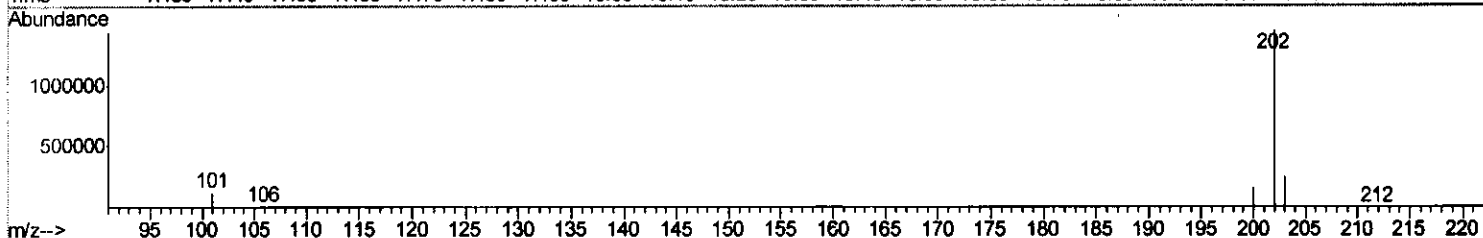
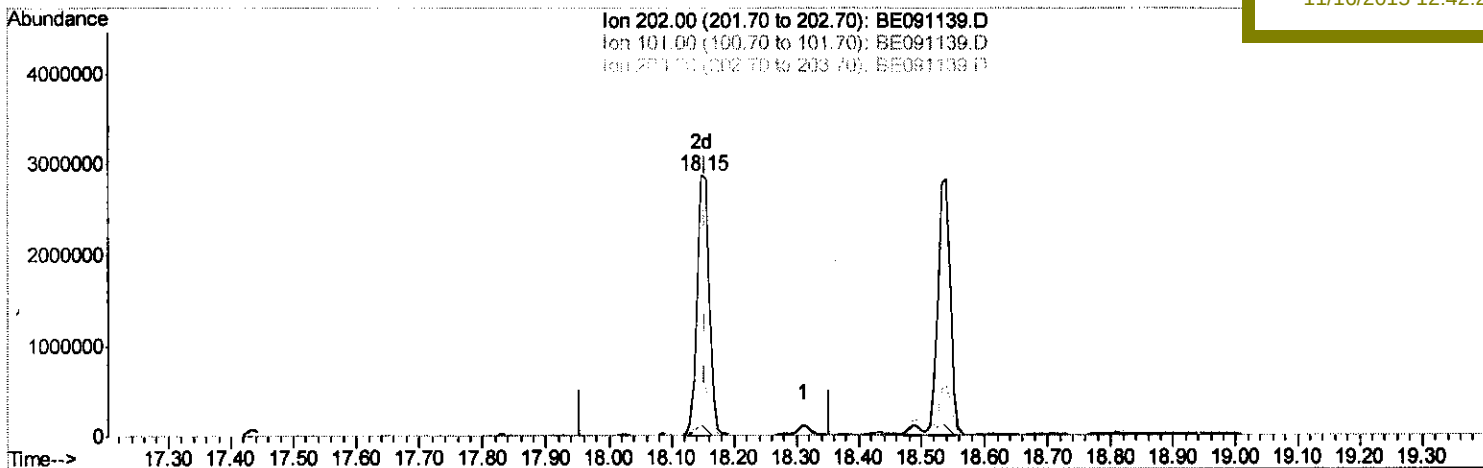
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091139.D
 Acq On : 12 Nov 2015 11:29
 Operator : UM/NP
 Sample : G4322-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS2

Quant Time: Nov 13 16:38:08 2015
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Manual Integrations
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TIC: BE091139.D

(17) Fluoranthene (C)

18.148min (-0.005) 9.92ng/ul m

response 3968822

Ion	Exp%	Act%
202.00	100	100
101.00	13.10	8.39
203.00	17.20	17.28
0.00	0.00	0.00

U.M
 11/24/15

Quantitation Report (Qedit)

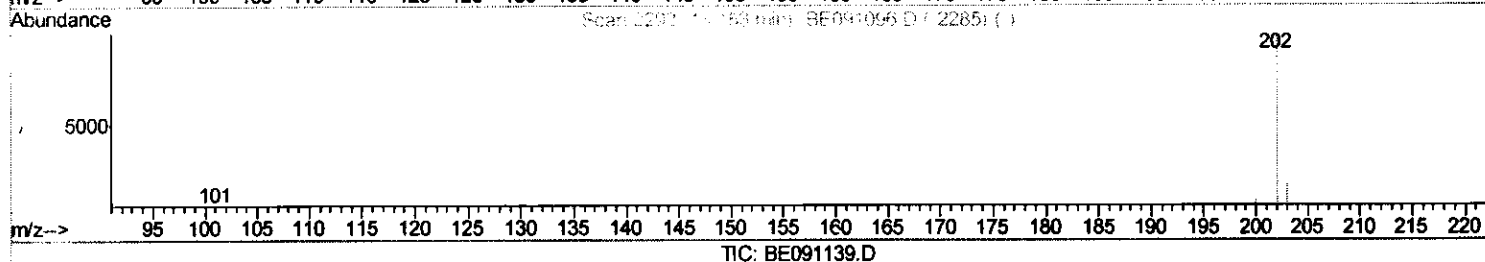
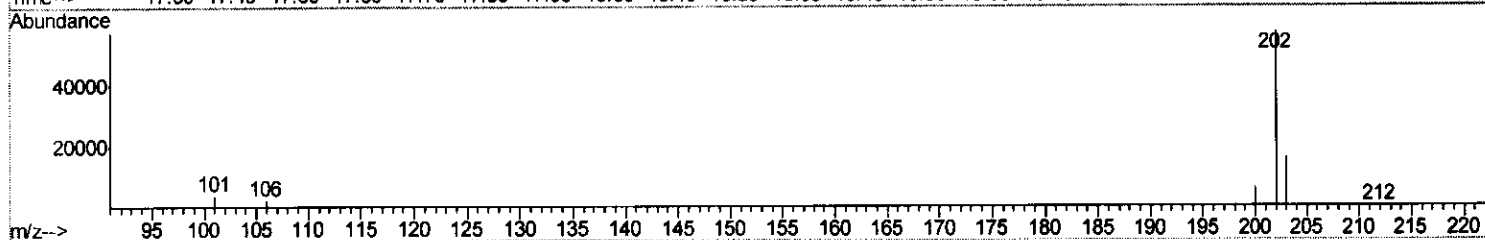
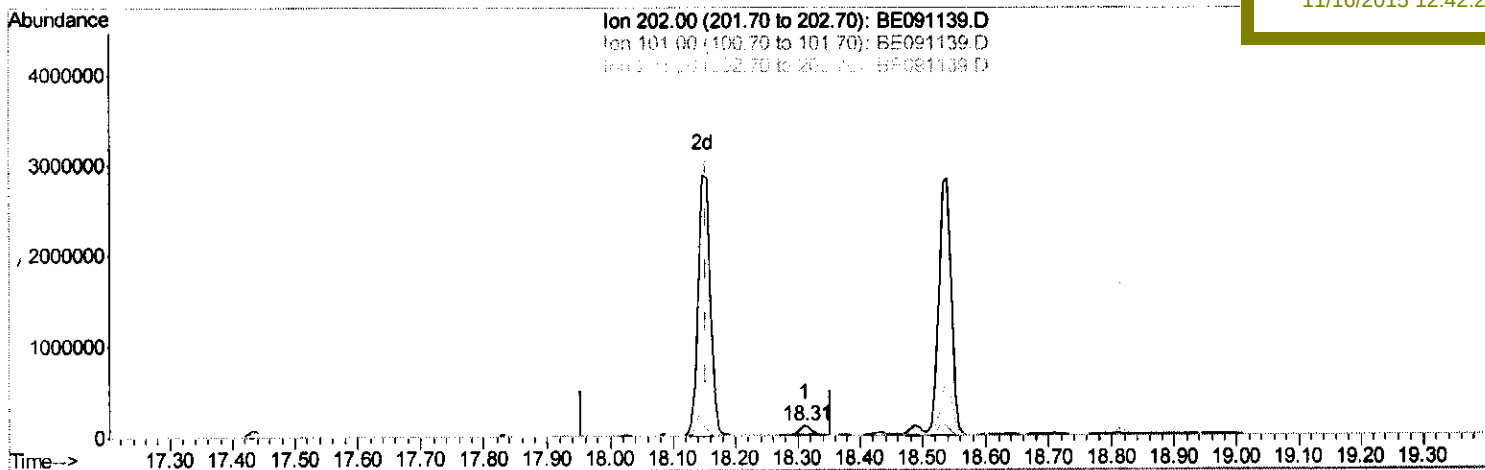
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091139.D
Acq On : 12 Nov 2015 11:29
Operator : UM/NP
Sample : G4322-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A4HS2

Quant Time: Nov 13 16:38:08 2015
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Manual Integrations
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(17) Fluoranthene (C)

18.311min (+0.158) 0.40ng/ul

response 159073

Ion	Exp%	Act%
202.00	100	100
101.00	13.10	3.78
203.00	17.20	28.29
0.00	0.00	0.00

Quantitation Report (Qedit)

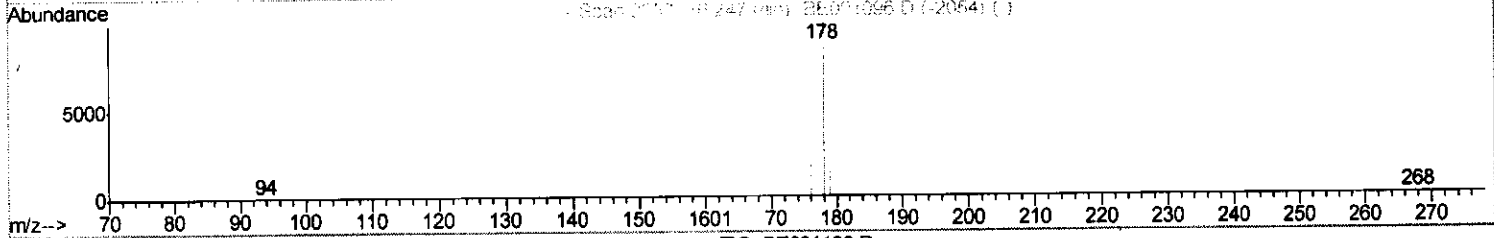
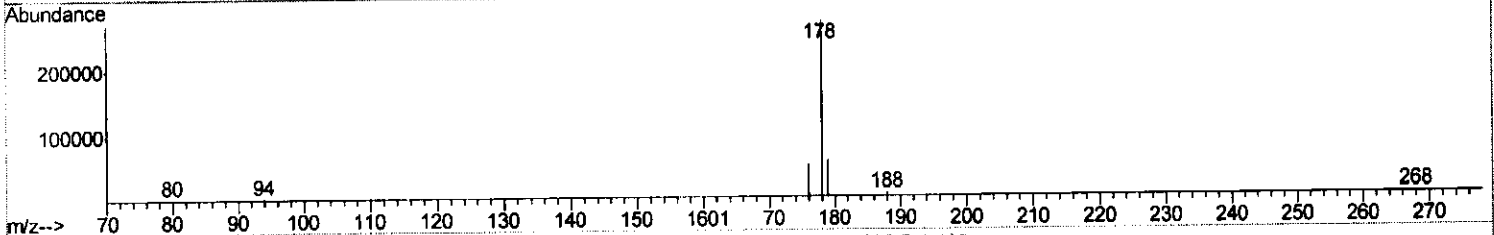
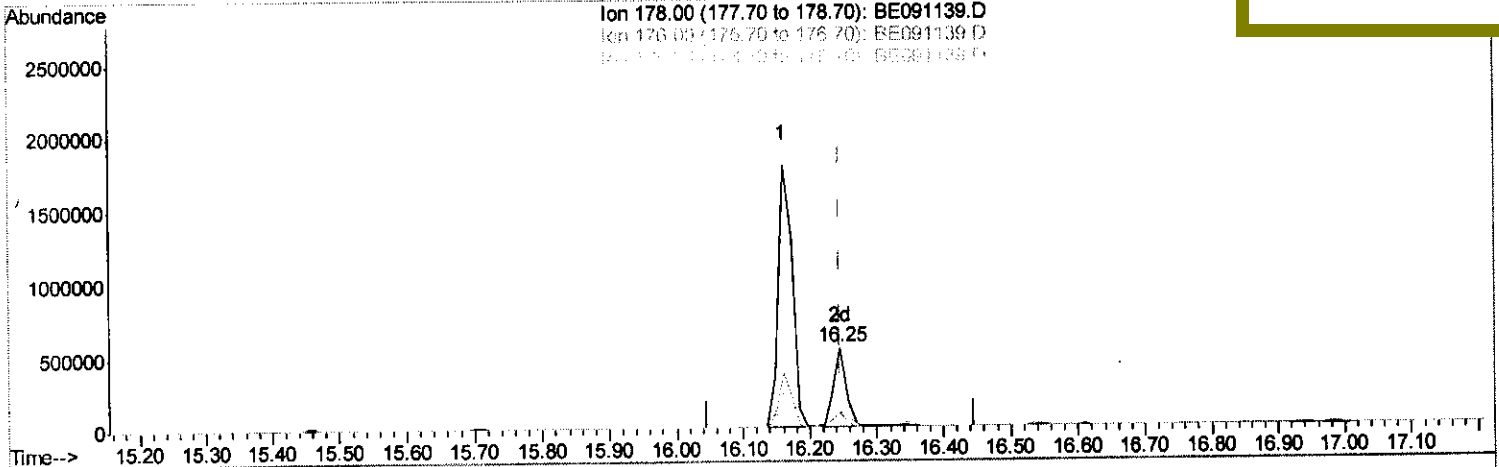
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091139.D
 Acq On : 12 Nov 2015 11:29
 Operator : UM/NP
 Sample : G4322-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A4HS2

Quant Time: Nov 13 16:38:08 2015
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TIC: BE091139.D

(15) Anthracene

16.245min (-0.001) 2.36ng/ul m

response 732774

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	18.51
179.00	16.60	20.50#
0.00	0.00	0.00

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Quantitation Report (Qedit)

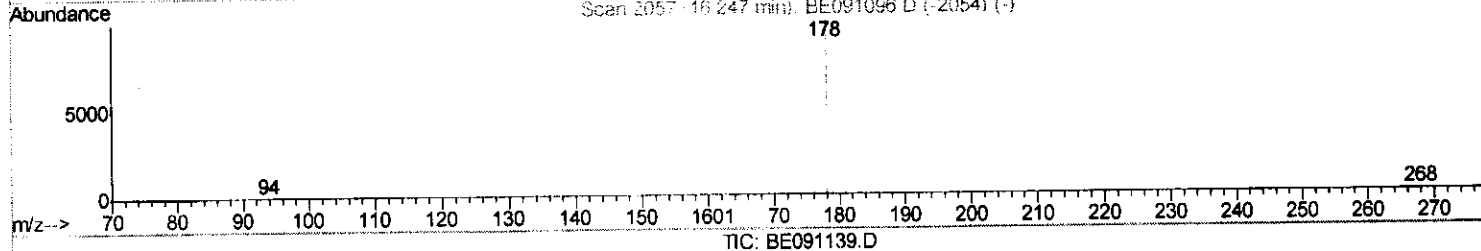
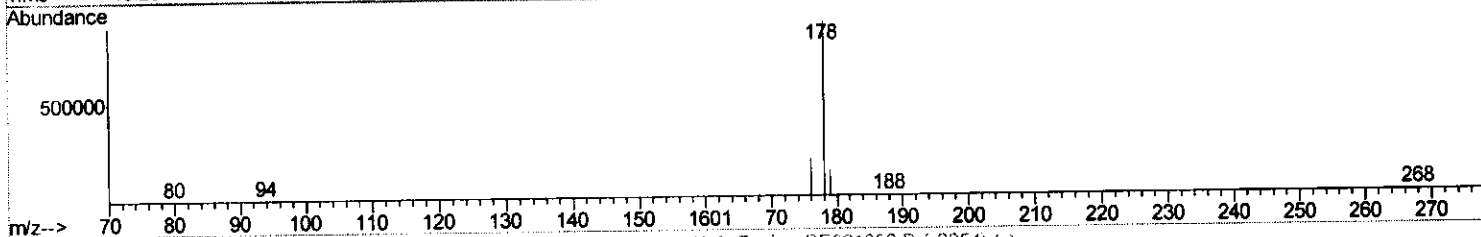
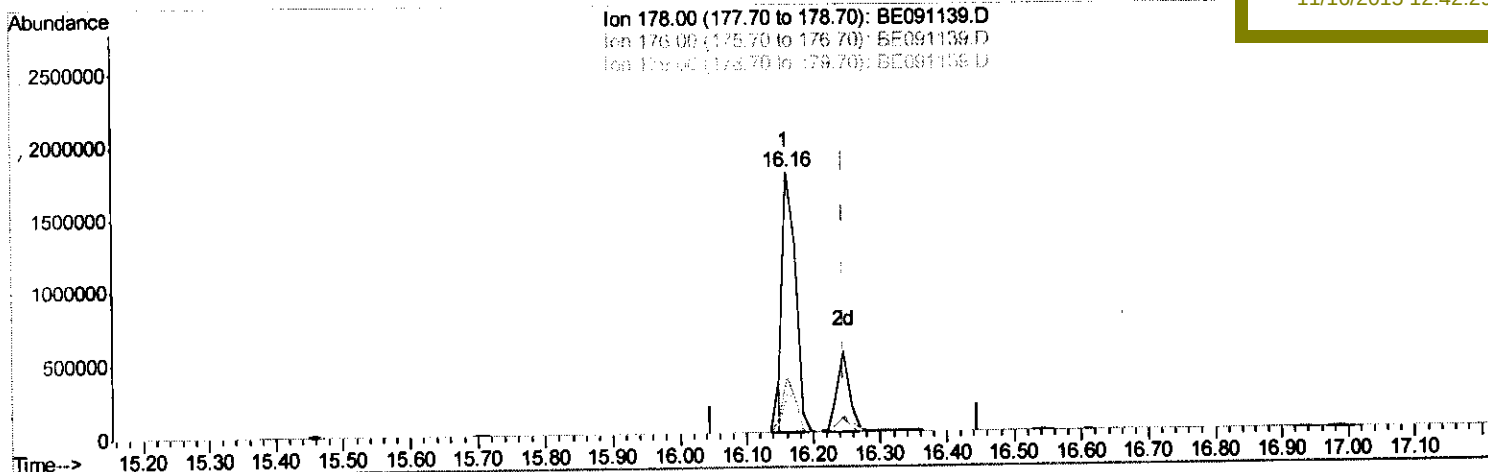
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
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Manual Integrations
 APPROVED

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(15) Anthracene

16.161min (-0.086) 7.50ng/ul

response 2331650

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	21.13
179.00	16.60	14.66
0.00	0.00	0.00

Quantitation Report (Qedit)

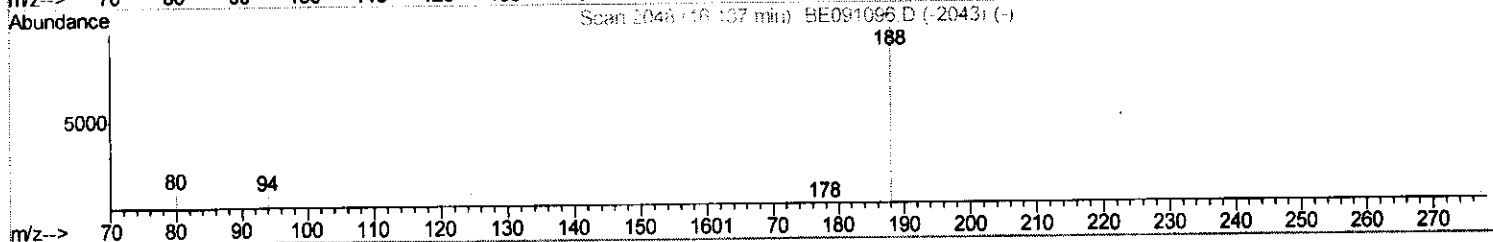
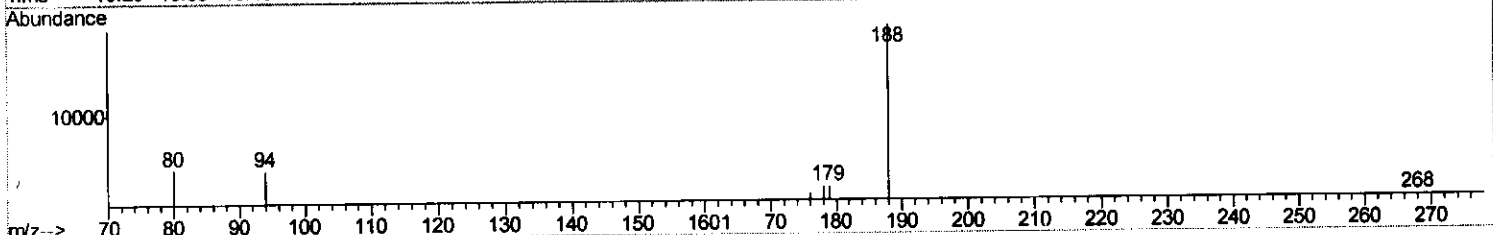
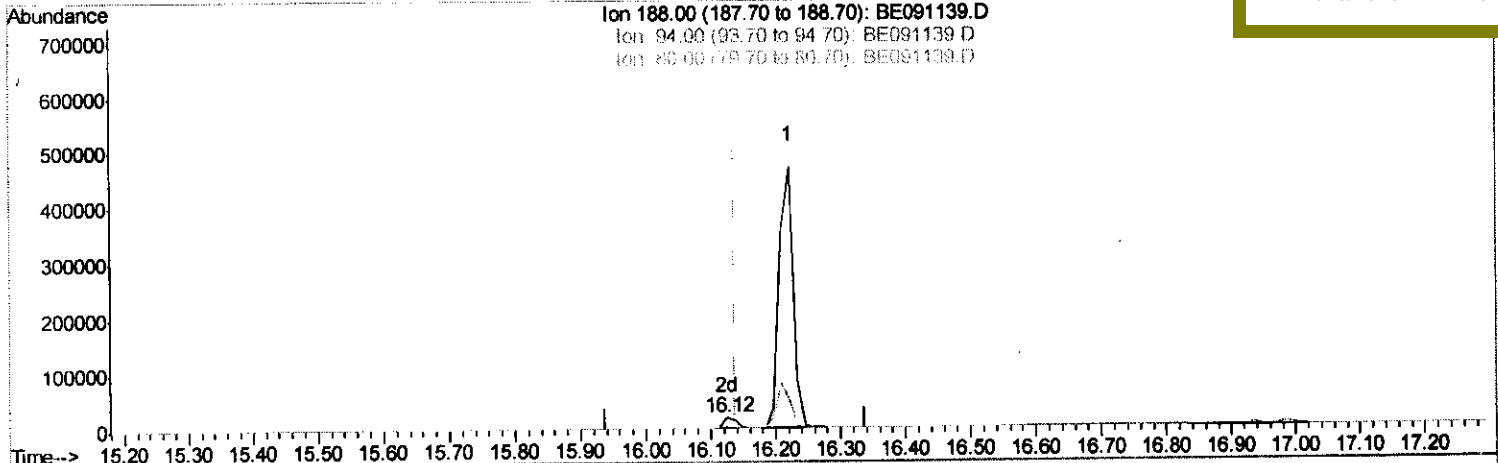
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091139.D
 Acq On : 12 Nov 2015 11:29
 Operator : UM/NP
 Sample : G4322-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS2

Quant Time: Nov 13 15:22:56 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

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 11/16/2015 12:42:29 PM



TIC: BE091139.D

(12) Phenanthrene-d10 (I)

16.124min (-0.013) 0.40ng/ul m

response 29619

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	18.76#
80.00	8.90	19.92#
0.00	0.00	0.00

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 11/24/15

Quantitation Report (Qedit)

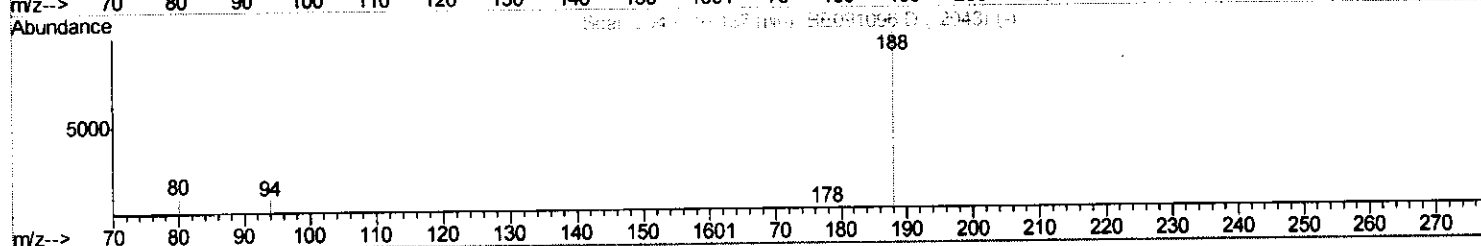
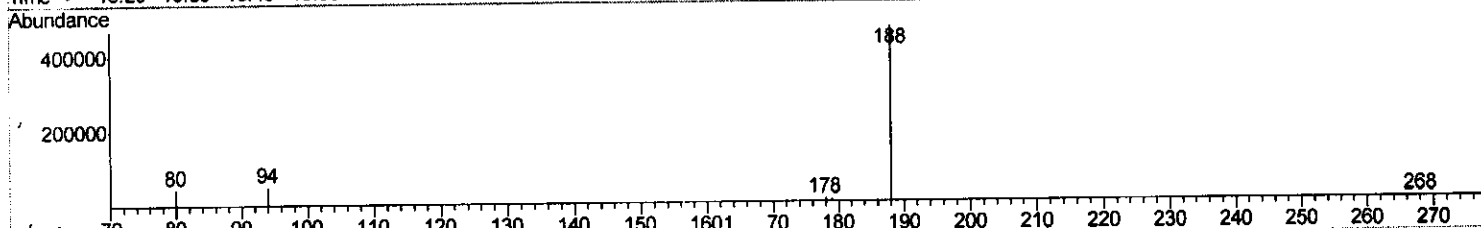
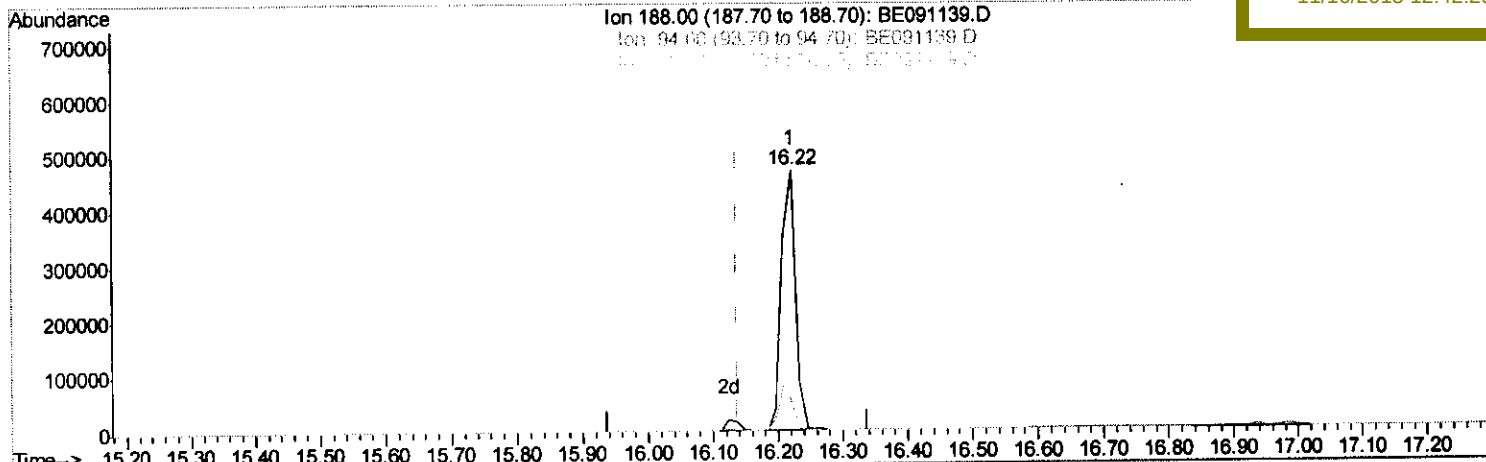
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Instrument :
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 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:42:29 PM



TIC: BE091139.D

(12) Phenanthrene-d10 (I)

16.221min (+0.084) 0.40ng/ul

response 694852

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	10.46
80.00	8.90	9.29
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091139.D
Acq On : 12 Nov 2015 11:29
Operator : UM/NP
Sample : G4322-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A4HS2

Quant Time: Nov 13 16:40:10 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 12:42:29 PM

