

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091142.D
 Acq On : 12 Nov 2015 13:17
 Operator : UM/NP
 Sample : G4322-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS6

Quant Time: Nov 13 16:51:06 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 12:42:32 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3176	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	15340	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	8340	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.12	188	18912m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.29	240	27193	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	29860	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.91	96	11109	4.86	ng/uL	-0.04
6) 2-Methylnaphthalene-d10	11.07	152	2929	0.14	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	7109	0.13	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	9.61	128	3696	0.10	ng/ul#	95
7) 2-Methylnaphthalene	11.14	142	1353	0.05	ng/ul	93
9) Acenaphthylene	13.15	152	6012	0.14	ng/ul	98
10) Acenaphthene	13.46	153	8352	0.29	ng/ul	89
11) Fluorene	14.45	166	9396	0.26	ng/ul	93
14) Phenanthrene	16.16	178	702551m	3.22	ng/ul	
15) Anthracene	16.25	178	143453	0.72	ng/ul	97
17) Fluoranthene	18.15	202	1022698	4.00	ng/ul	89
19) Pyrene	18.53	202	875811	2.83	ng/ul#	80
20) Benzo(a)anthracene	20.26	228	106902	1.53	ng/ul	97
21) Chrysene	20.32	228	117097	1.46	ng/ul	97
23) Benzo(b)fluoranthene	21.62	252	100157	1.07	ng/ul	94
24) Benzo(k)fluoranthene	21.65	252	88717	0.93	ng/ul	96
25) Benzo(a)pyrene	22.09	252	100336m	1.17	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.83	276	263581m	0.73	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	17328	0.20	ng/ul#	72
28) Benzo(g,h,i)perylene	24.40	276	233767	0.62	ng/ul	94

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

U.M
 11/24/15

Quantitation Report (Qedit)

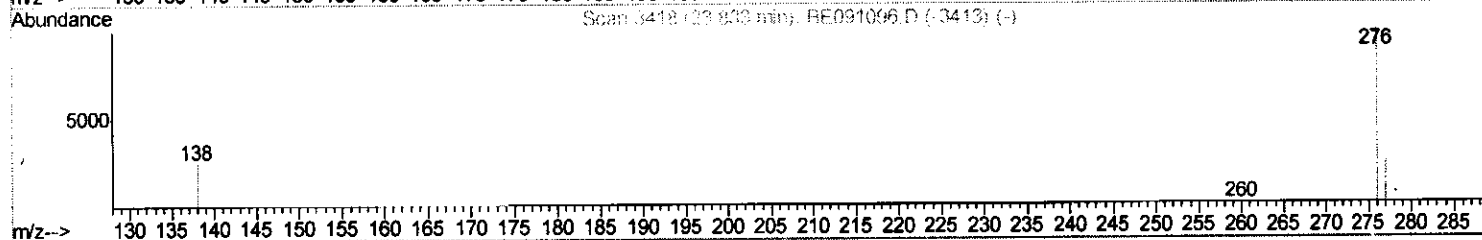
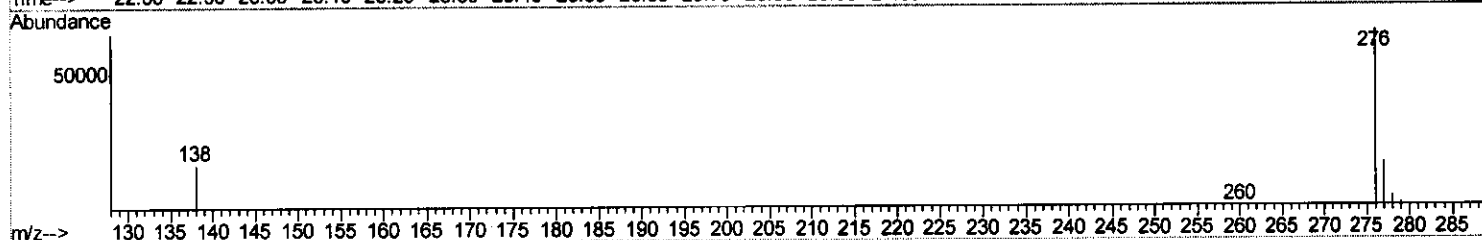
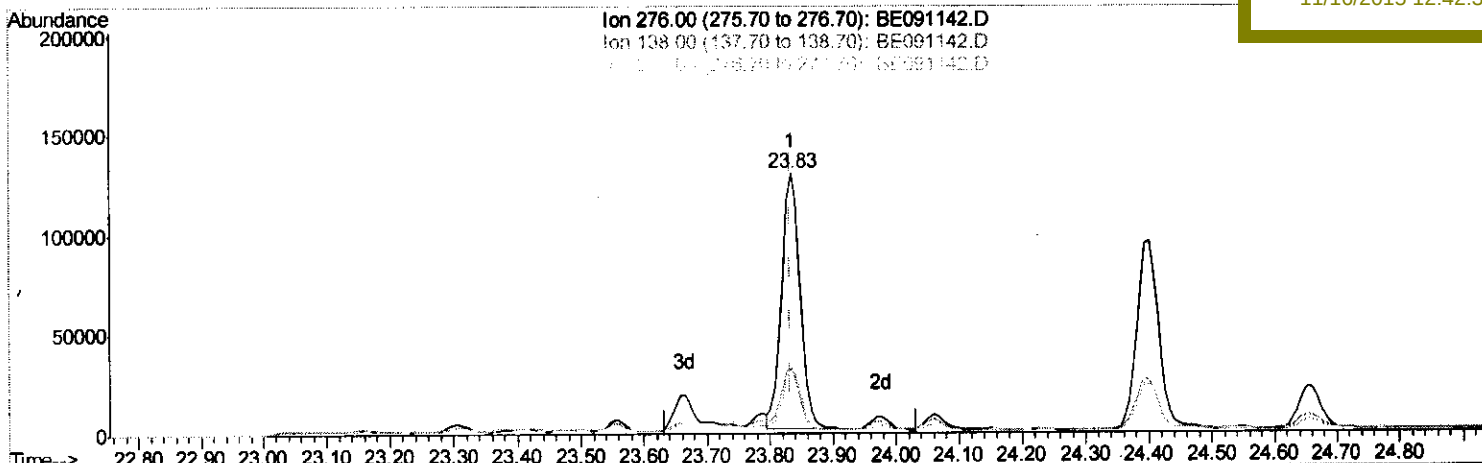
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091142.D
 Acq On : 12 Nov 2015 13:17
 Operator : UM/NP
 Sample : G4322-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS6

Quant Time: Nov 13 16:49:39 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 12:42:32 PM



TIC: BE091142.D

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

23.833min (-0.001) 0.73ng/ul m

response 263581

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	23.83#
277.00	24.10	25.23
0.00	0.00	0.00

U.M
 11/24/15

Quantitation Report (Qedit)

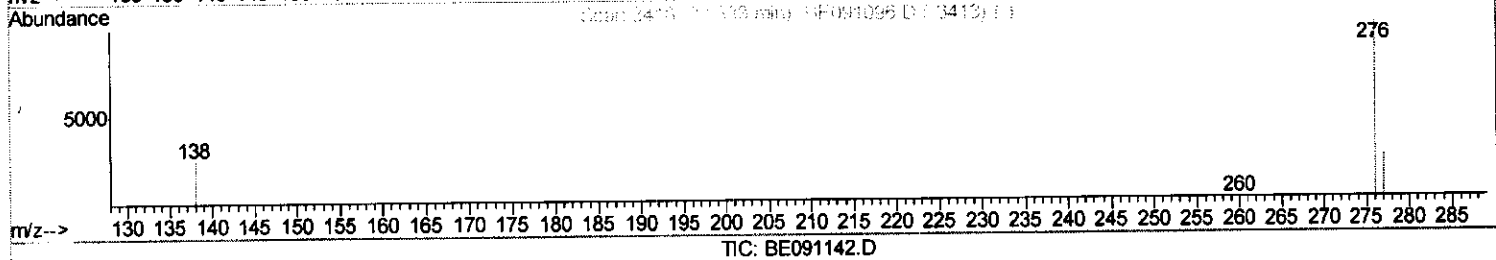
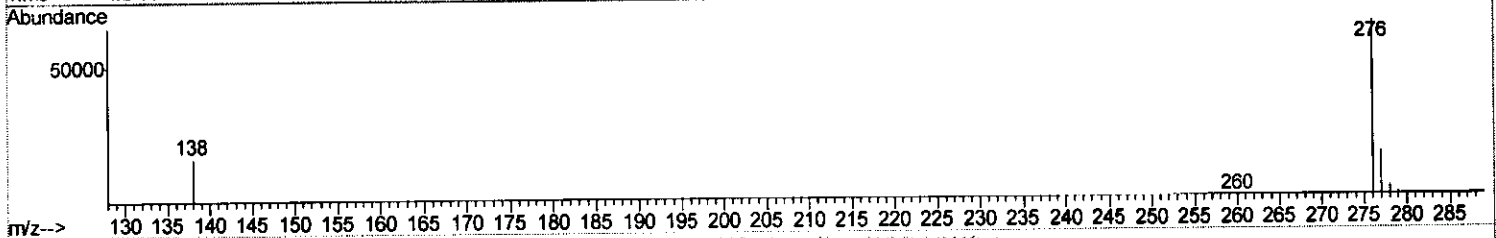
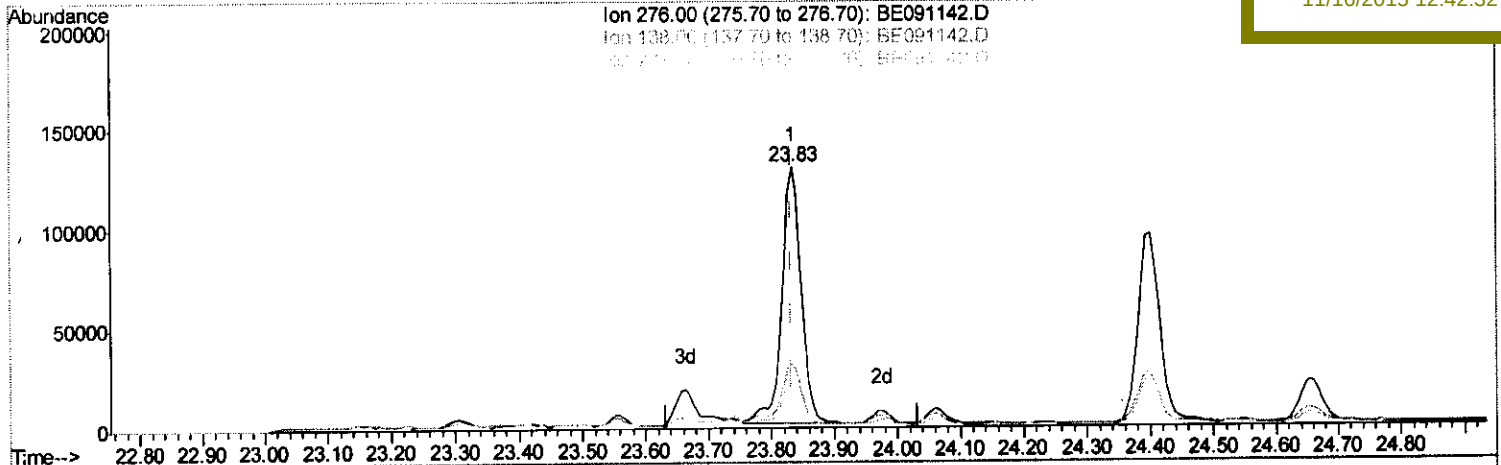
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091142.D
 Acq On : 12 Nov 2015 13:17
 Operator : UM/NP
 Sample : G4322-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS6

Quant Time: Nov 13 16:49:39 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 12:42:32 PM



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

23.833min (-0.001) 0.76ng/ul

response 275833

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	22.77#
277.00	24.10	24.11
0.00	0.00	0.00

Quantitation Report (Qedit)

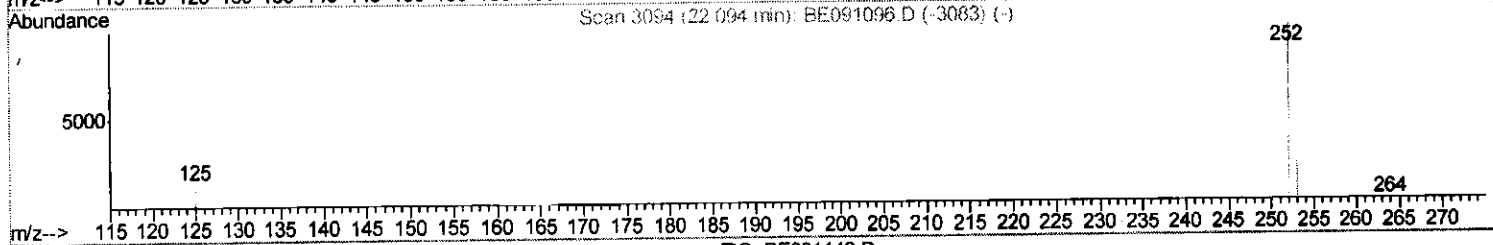
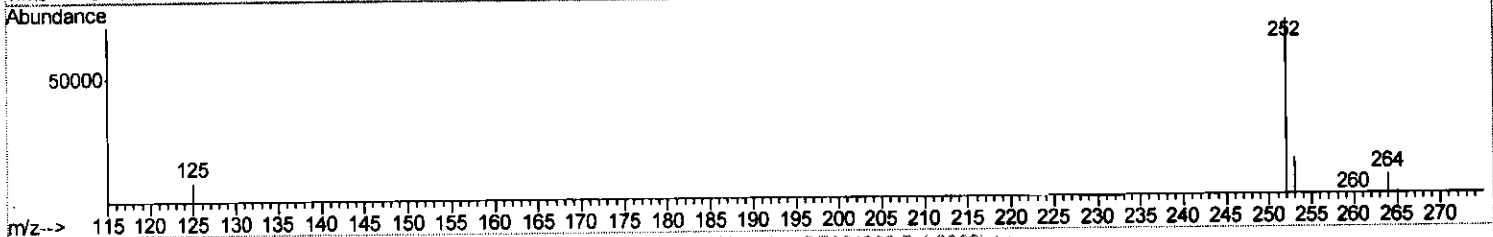
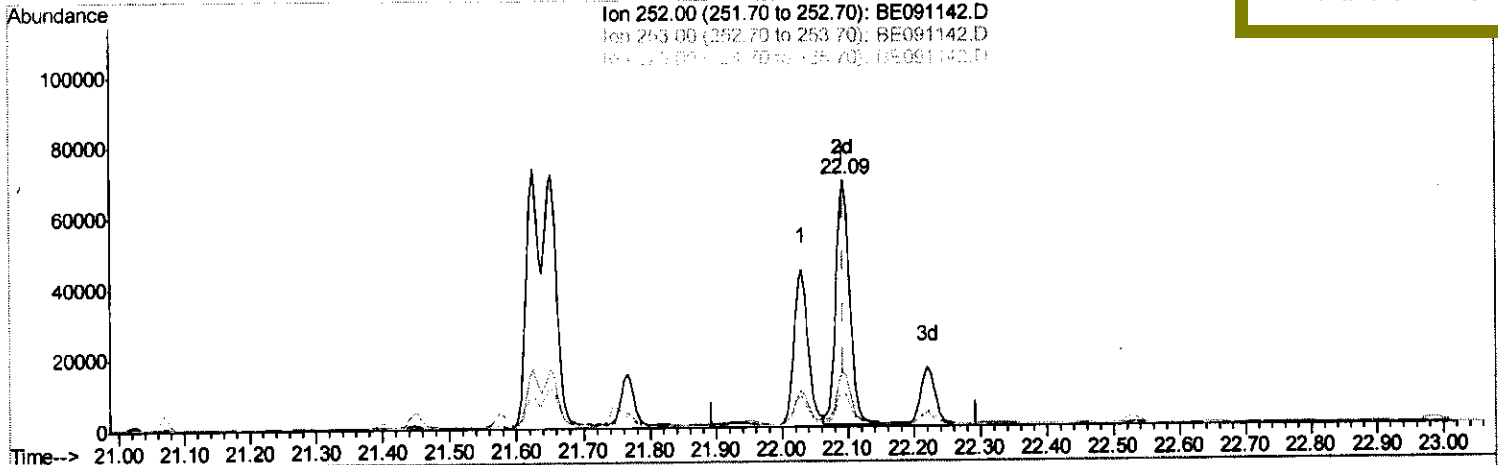
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091142.D
 Acq On : 12 Nov 2015 13:17
 Operator : UM/NP
 Sample : G4322-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A4HS6

Quant Time: Nov 13 16:49:39 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 12:42:32 PM



TIC: BE091142.D

(25) Benzo(a)pyrene (C)

22.094min (-0.000) 1.17ng/ul m

response 100336

Ion Exp% Act%

252.00 100 100

253.00 27.30 22.52

125.00 18.10 14.46#

0.00 0.00 0.00

U.M
 11/24/15

Quantitation Report (Qedit)

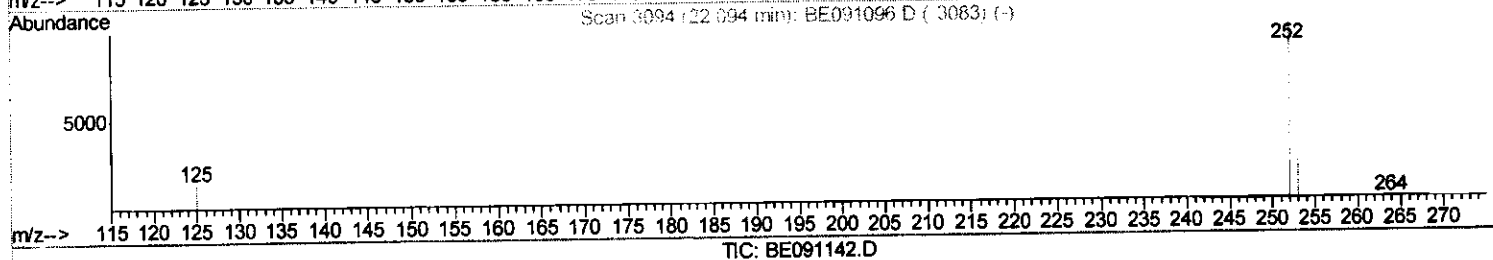
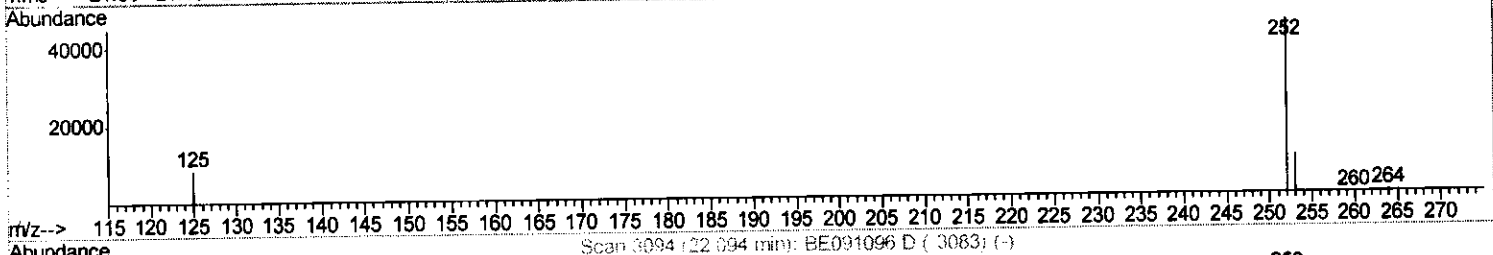
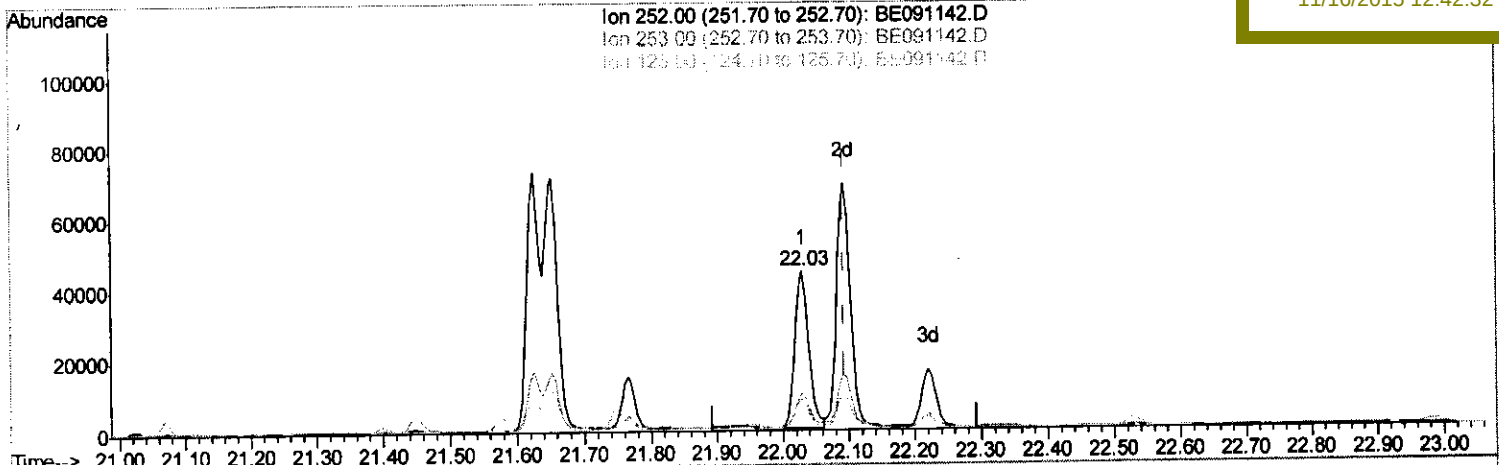
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091142.D
 Acq On : 12 Nov 2015 13:17
 Operator : UM/NP
 Sample : G4322-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS6

Quant Time: Nov 13 16:49:39 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 12:42:32 PM



(25) Benzo(a)pyrene (C)

22.030min (-0.064) 0.77ng/ul

response 65927

Ion	Exp%	Act%
252.00	100	100
253.00	27.30	23.00
125.00	18.10	19.42
0.00	0.00	0.00

Quantitation Report (Qedit)

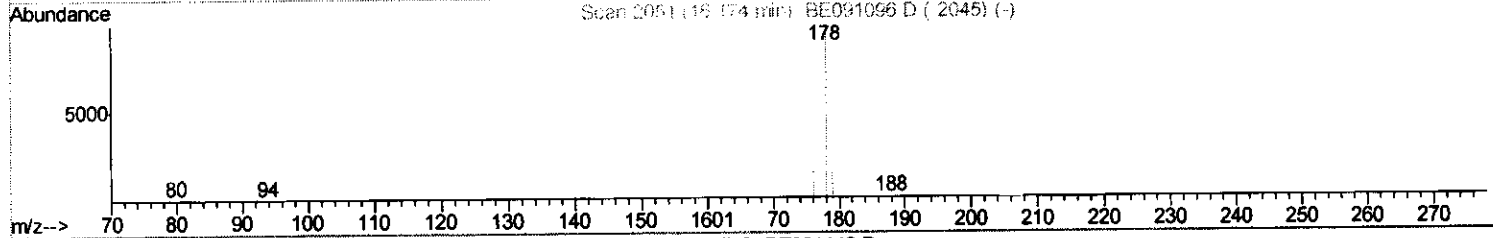
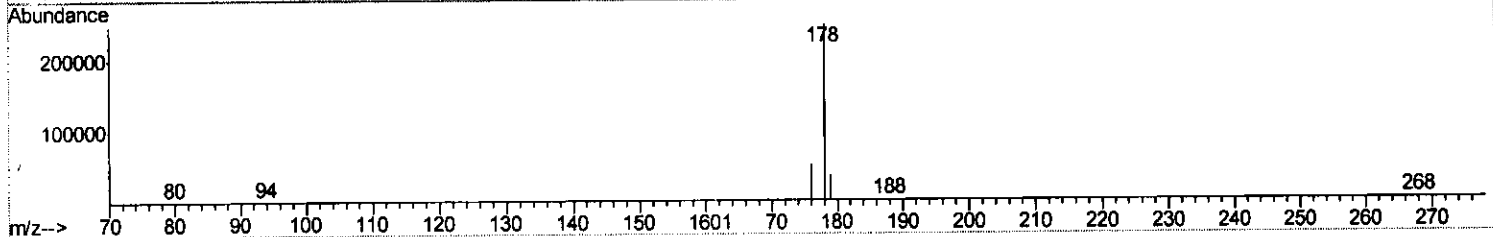
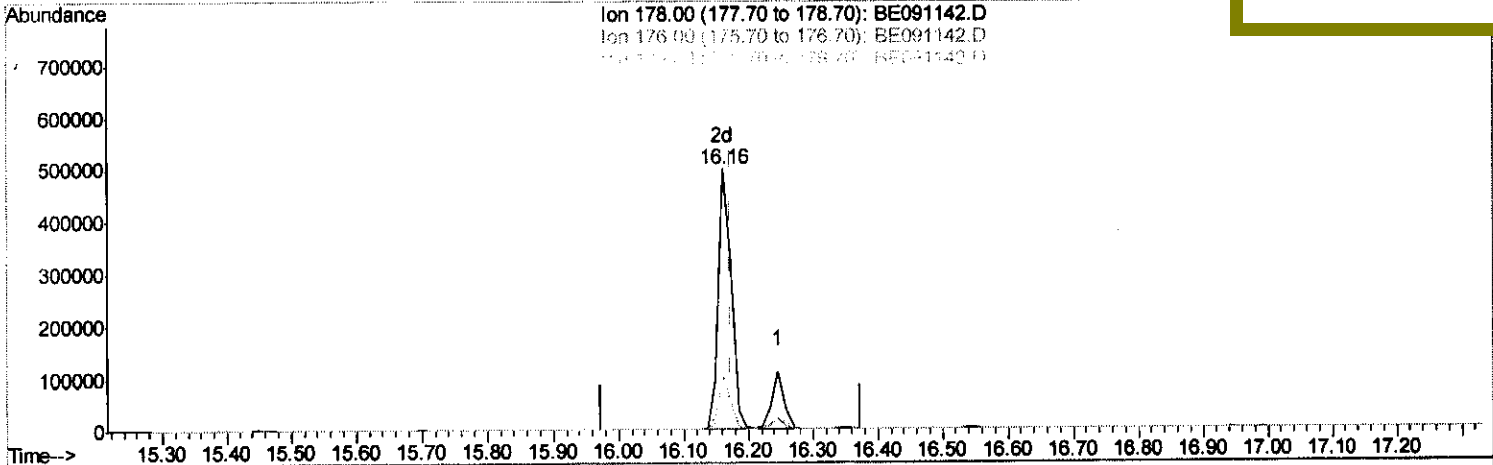
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091142.D
 Acq On : 12 Nov 2015 13:17
 Operator : UM/NP
 Sample : G4322-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS6

Quant Time: Nov 13 16:49:39 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 12:42:32 PM



TIC: BE091142.D

(14) Phenanthrene

16.161min (-0.013) 3.22ng/ul m

response 702551

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	20.63
179.00	16.00	14.63
0.00	0.00	0.00

U.M
 11/24/15

Quantitation Report (Qedit)

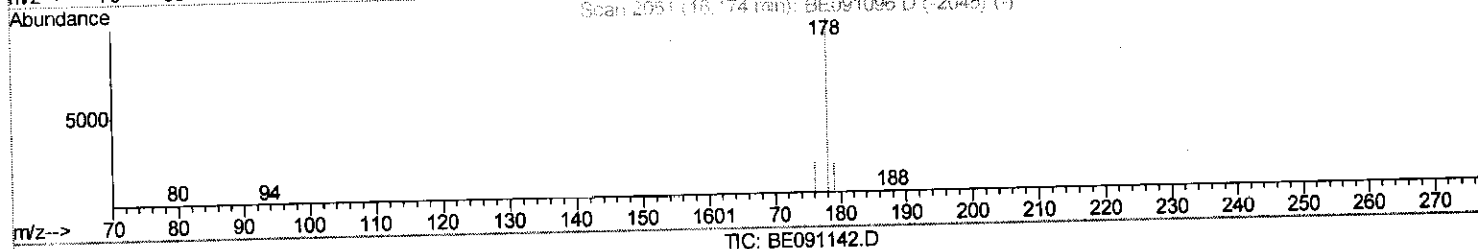
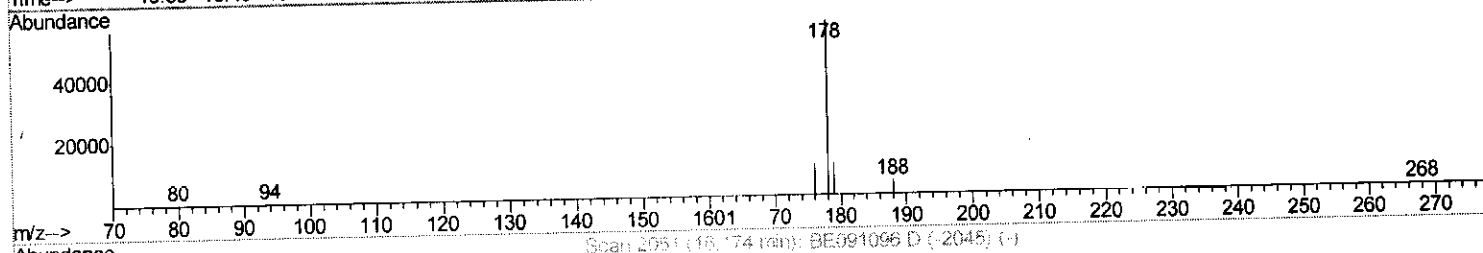
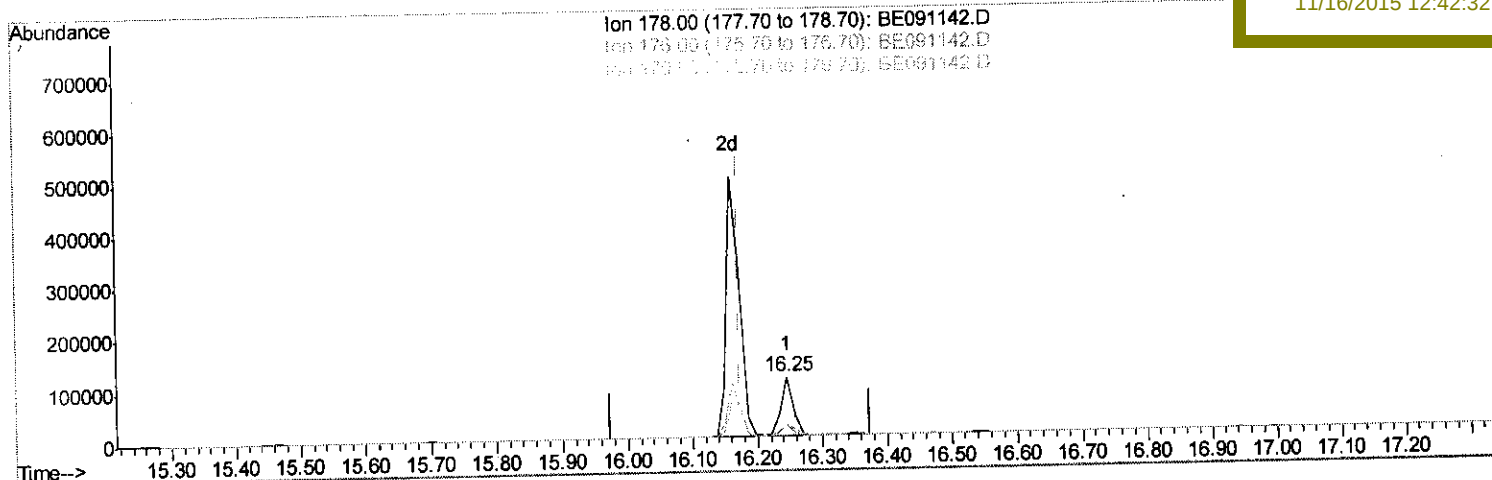
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091142.D
 Acq On : 12 Nov 2015 13:17
 Operator : UM/NP
 Sample : G4322-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS6

Quant Time: Nov 13 16:49:39 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 12:42:32 PM



(14) Phenanthrene

16.246min (+0.072) 0.66ng/ul

response 145065

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	18.17
179.00	16.00	17.94
0.00	0.00	0.00

Quantitation Report (Qedit)

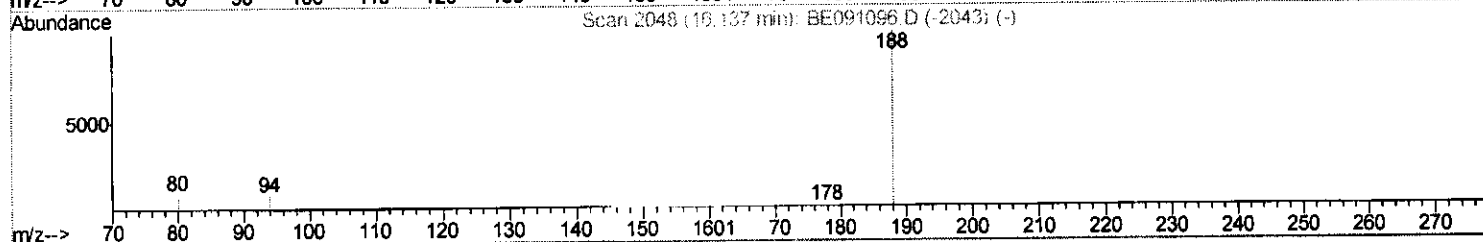
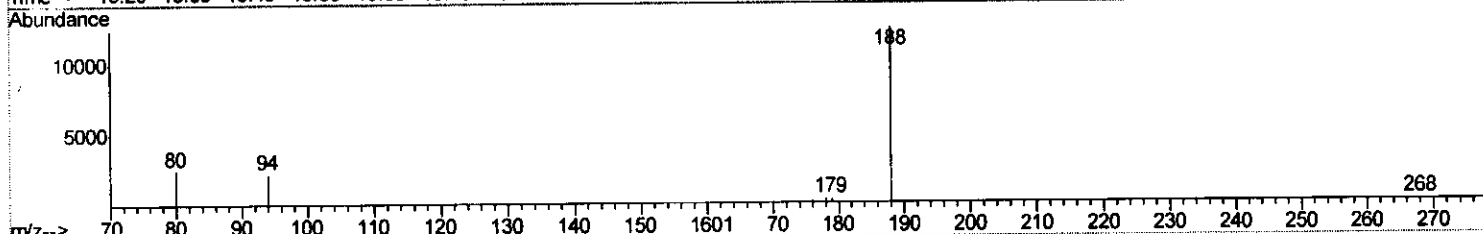
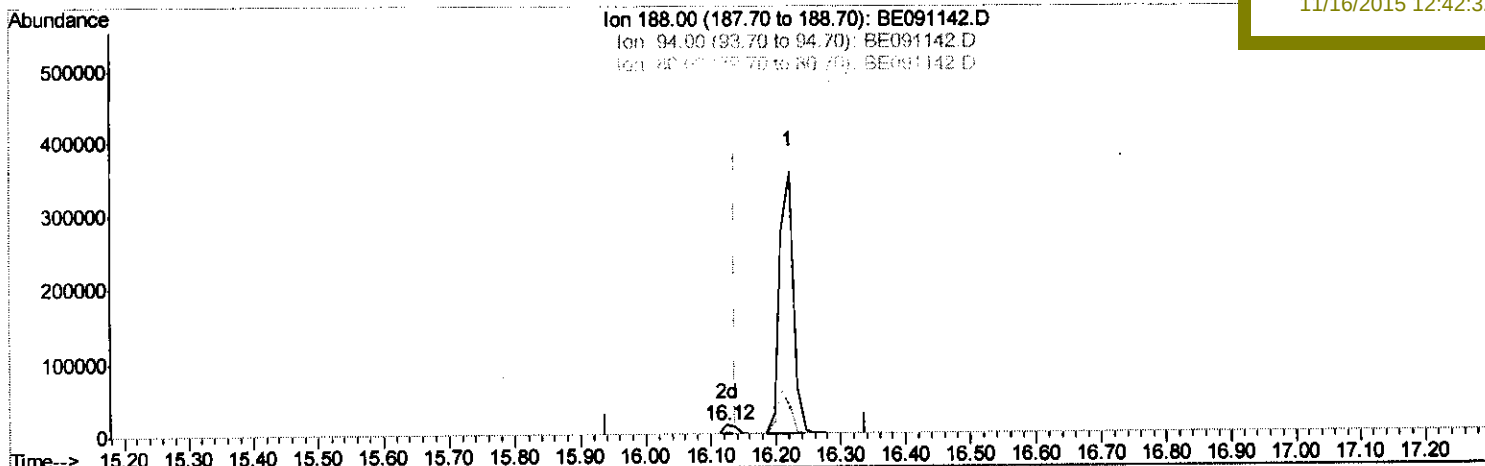
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091142.D
 Acq On : 12 Nov 2015 13:17
 Operator : UM/NP
 Sample : G4322-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS6

Quant Time: Nov 13 15:23:22 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 12:42:32 PM



TIC: BE091142.D

(12) Phenanthrene-d10 (I)

16.125min (-0.013) 0.40ng/ul m

response 18912

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	17.83#
80.00	8.90	20.17#
0.00	0.00	0.00

U.M
 11/24/15

Quantitation Report (Qedit)

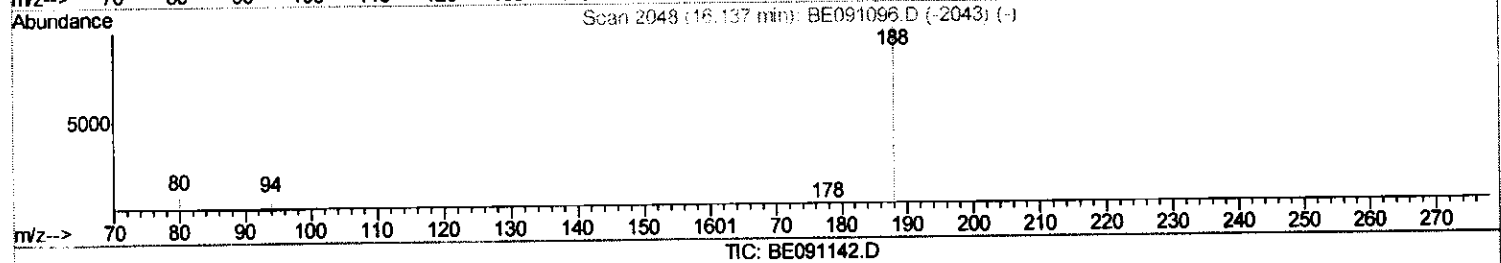
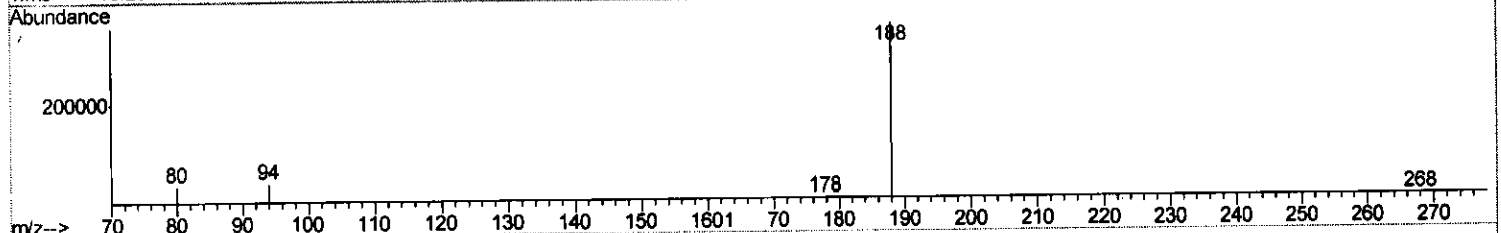
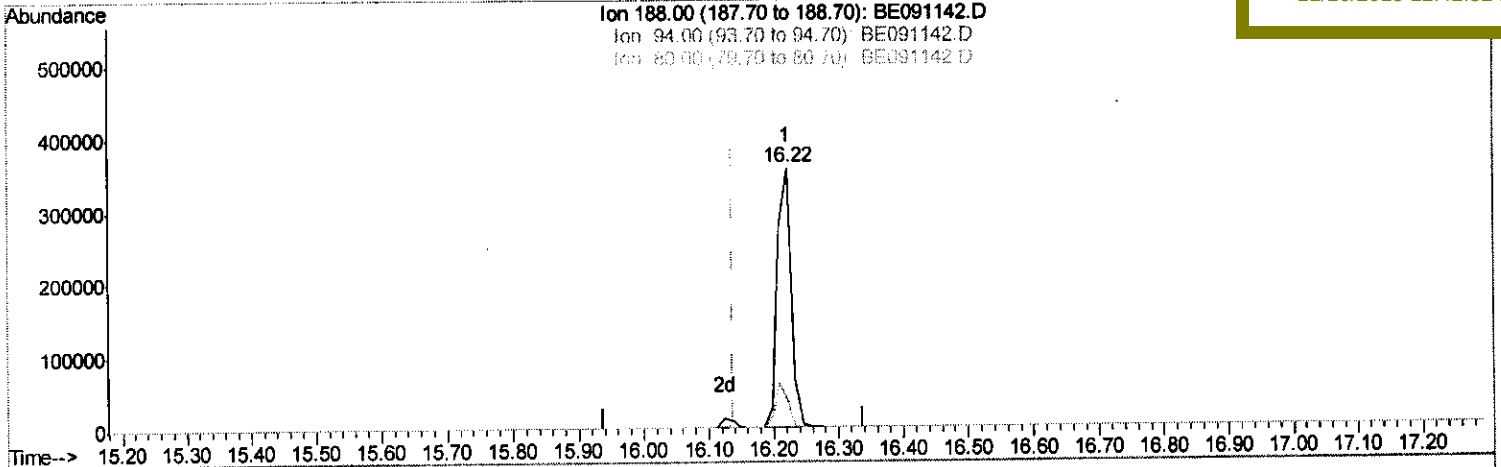
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
 Data File : BE091142.D
 Acq On : 12 Nov 2015 13:17
 Operator : UM/NP
 Sample : G4322-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS6

Quant Time: Nov 13 15:23:22 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 12:42:32 PM



(12) Phenanthrene-d10 (I)
 16.222min (+0.084) 0.40ng/ul
 response 533701

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	10.44
80.00	8.90	9.01
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091142.D
Acq On : 12 Nov 2015 13:17
Operator : UM/NP
Sample : G4322-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A4HS6

Quant Time: Nov 13 16:51:06 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 12:42:32 PM

