

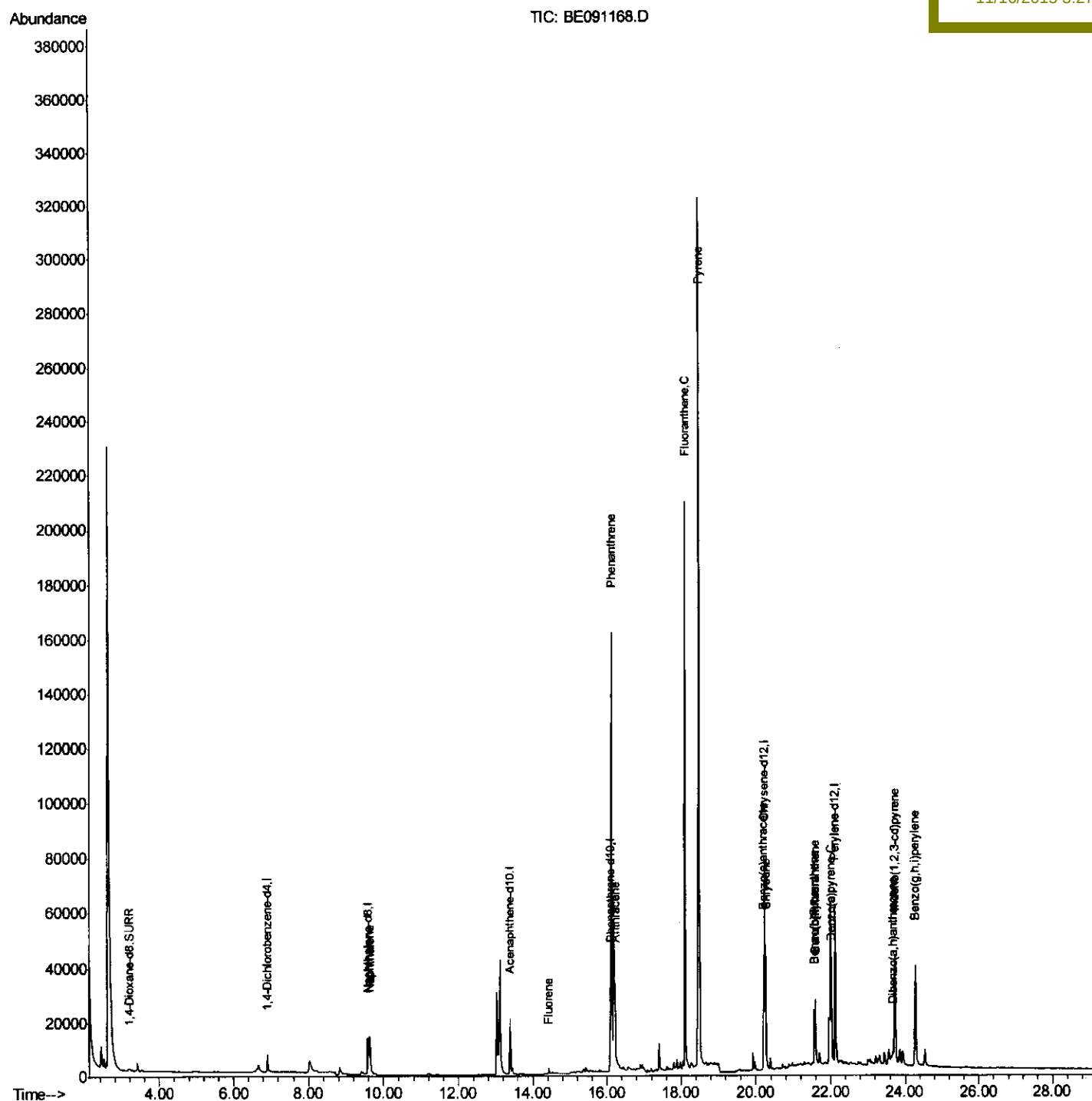
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111515\
Data File : BE091168.D
Acq On : 15 Nov 2015 12:14
Operator : UM/NP
Sample : G4322-08DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A4HR9DL

Quant Time: Nov 16 06:36:05 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 : Mon Nov 16 04:54:02 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

mmdadoda
11/16/2015 3:27:08 PM



Quantitation Report (Qedit)

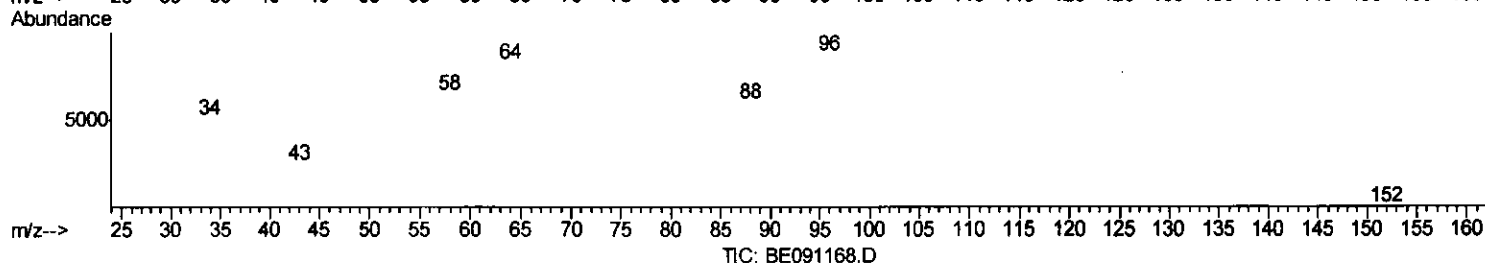
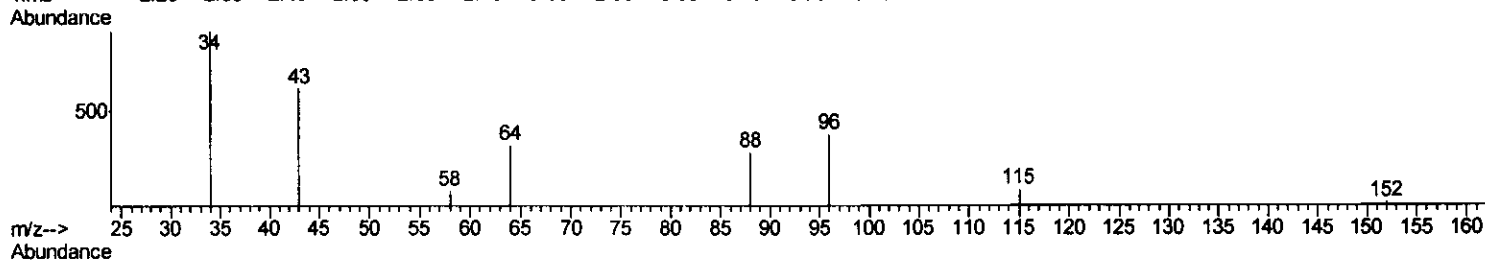
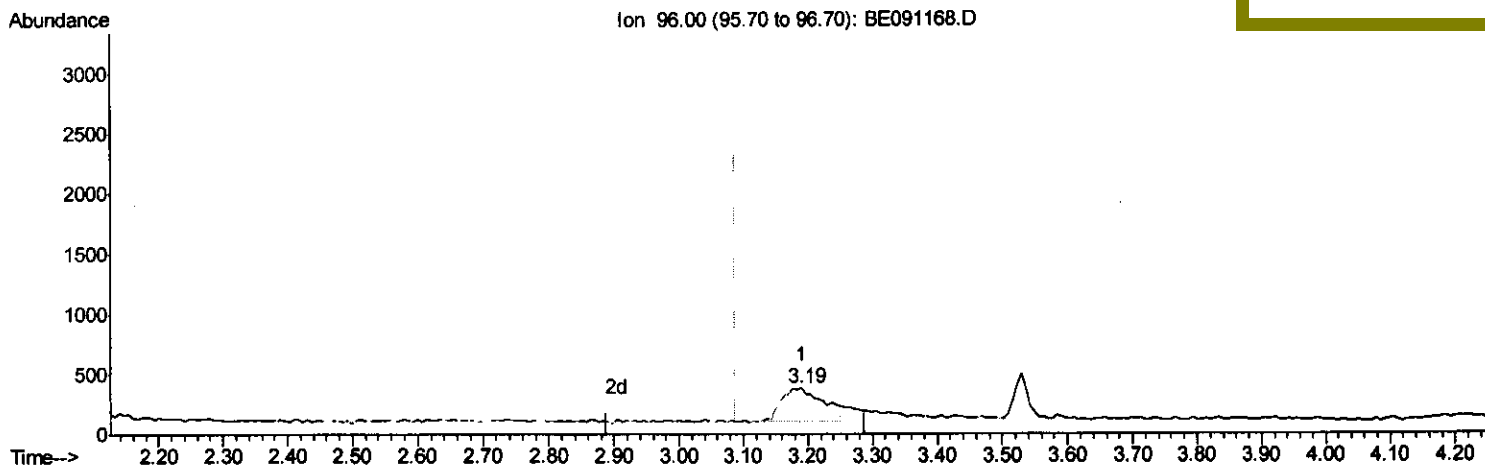
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111515\
 Data File : BE091168.D
 Acq On : 15 Nov 2015 12:14
 Operator : UM/NP
 Sample : G4322-08DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HR9DL

Quant Time: Nov 16 04:55:45 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 : Mon Nov 16 04:54:02 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mmdadoda
 11/16/2015 3:27:08 PM



(2) 1,4-Dioxane-d8 (SURR)

3.190min (+0.101) 0.40ng/uL

response 1285

Ion	Exp%	Act%
96.00	100	100
64.00	30.00	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

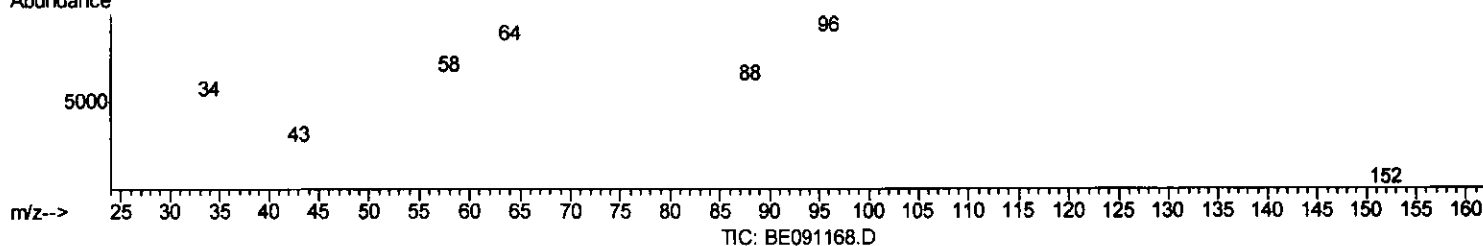
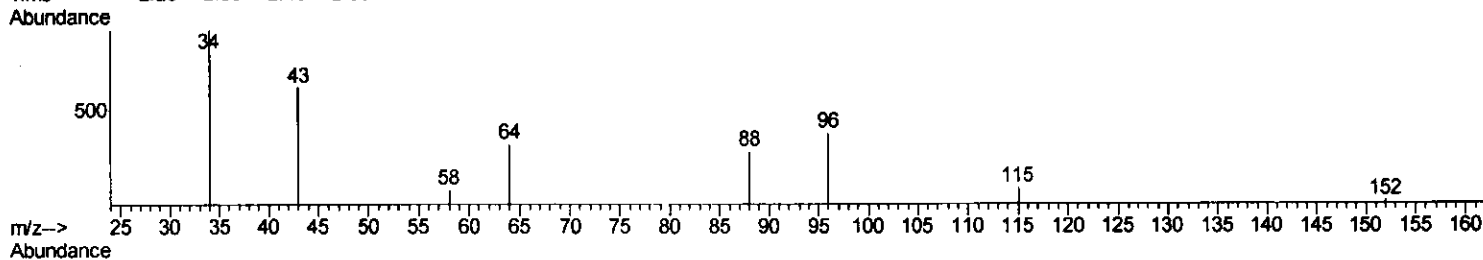
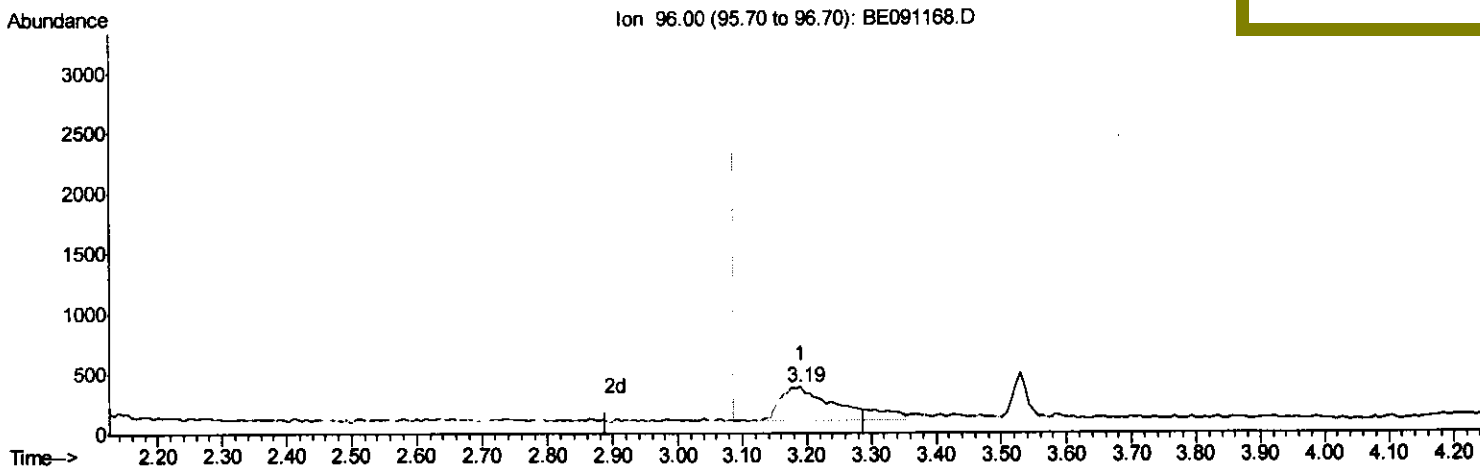
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111515\
 Data File : BE091168.D
 Acq On : 15 Nov 2015 12:14
 Operator : UM/NP
 Sample : G4322-08DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HR9DL

Quant Time: Nov 16 04:55:45 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 : Mon Nov 16 04:54:02 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mmdadoda
 11/16/2015 3:27:08 PM



(2) 1,4-Dioxane-d8 (SURR)

3.190min (+0.101) 0.57ng/uL m

response 1823

Ion Exp% Act%

96.00 100 100

64.00 30.00 0.00#

34.00 0.00 0.00

0.00 0.00 0.00

U.M
 11/17/15

Quantitation Report (Qedit)

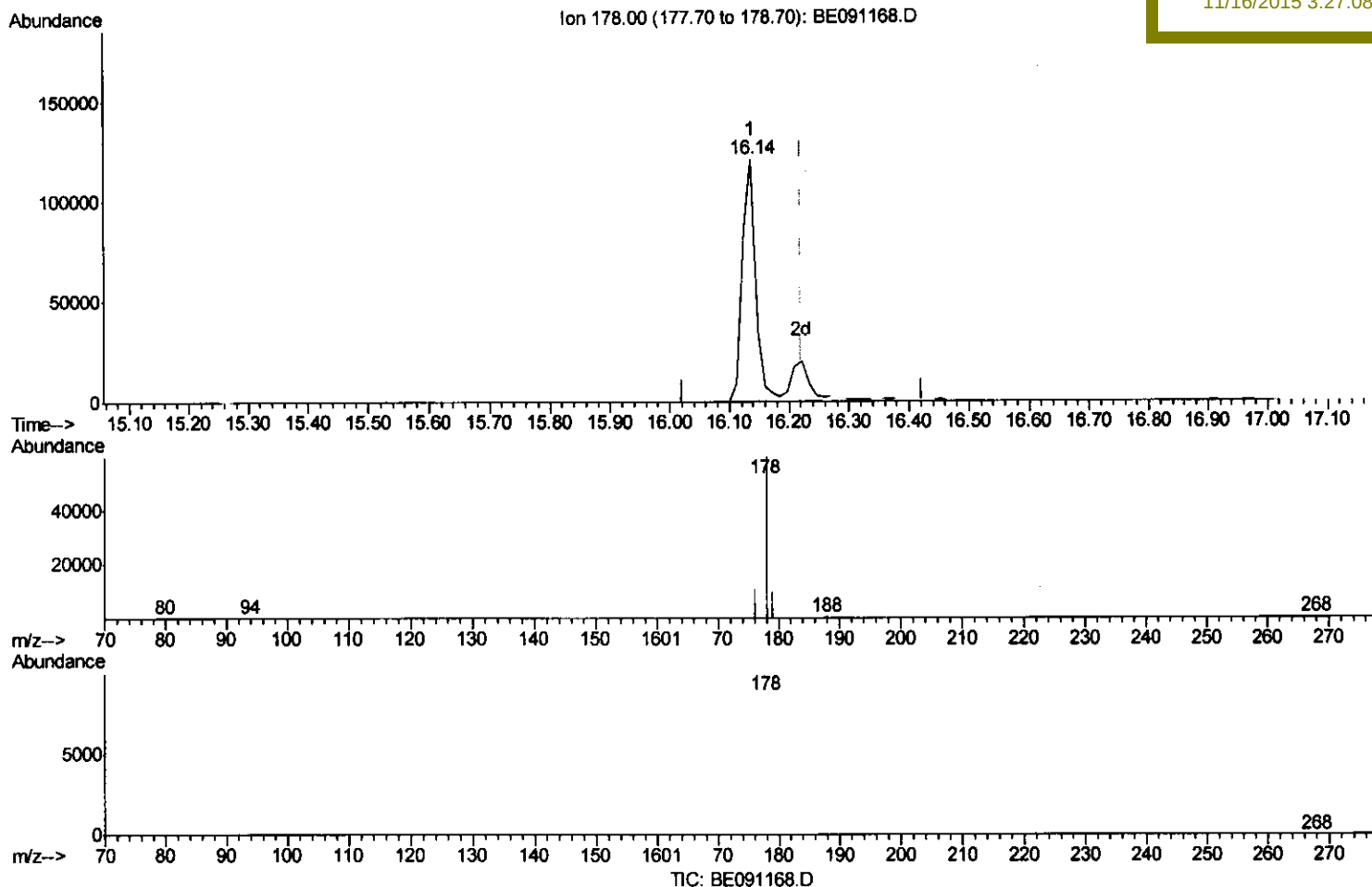
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111515\
Data File : BE091168.D
Acq On : 15 Nov 2015 12:14
Operator : UM/NP
Sample : G4322-08DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 16 04:55:45 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 : Mon Nov 16 04:54:02 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4HR9DL

Manual Integrations
APPROVED

mmdadoda
11/16/2015 3:27:08 PM



(15) Anthracene

16.136min (-0.085) 0.49ng/ul

response 189190

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	18.14
179.00	16.60	16.47
0.00	0.00	0.00

Quantitation Report (Qedit)

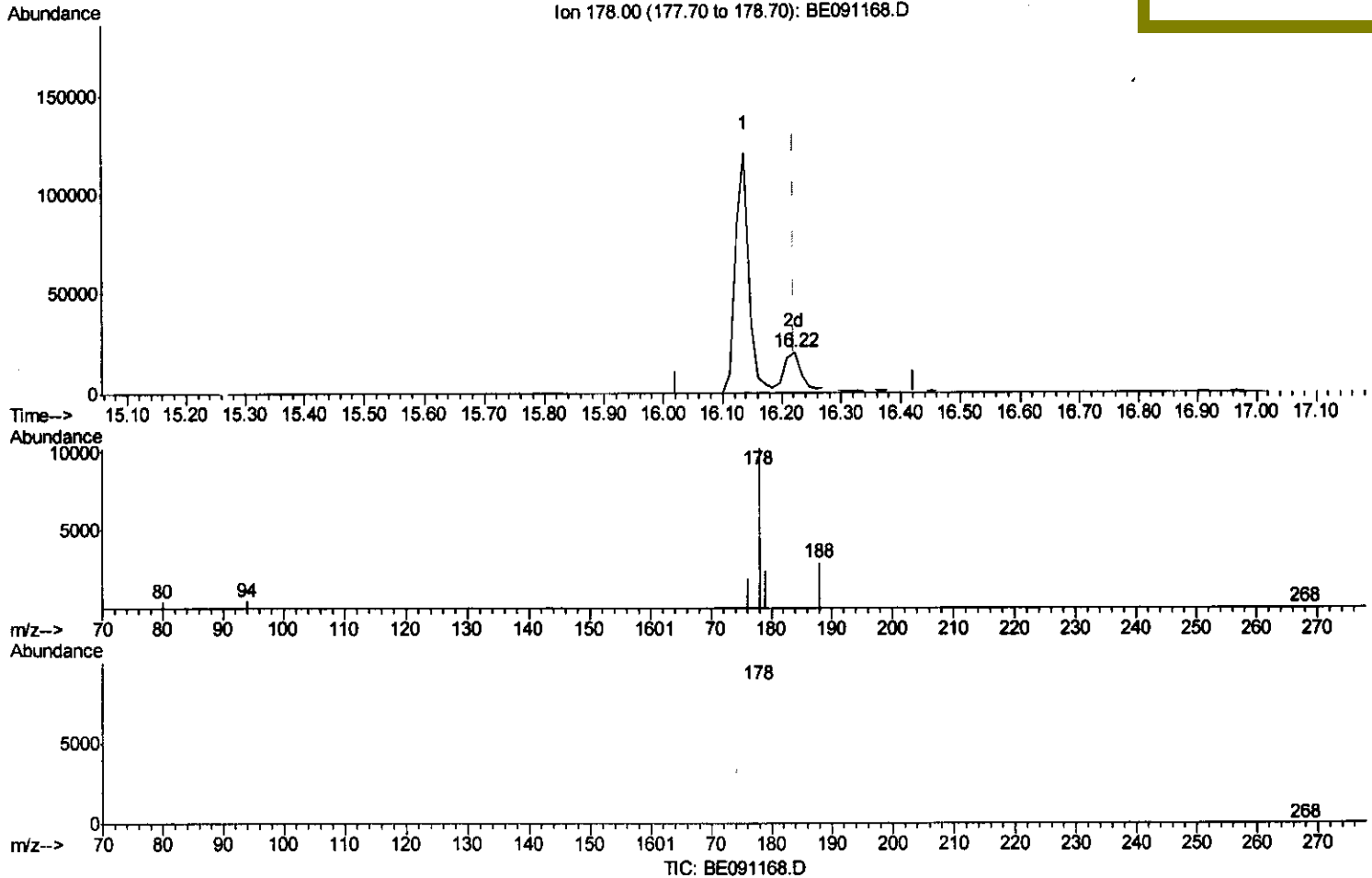
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111515\
 Data File : BE091168.D
 Acq On : 15 Nov 2015 12:14
 Operator : UM/NP
 Sample : G4322-08DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HR9DL

Quant Time: Nov 16 04:55:45 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 : Mon Nov 16 04:54:02 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mmdadoda
 11/16/2015 3:27:08 PM



(15) Anthracene

16.221min (+0.000) 0.11ng/ul m U.M
 11/17/15

response 43272

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	18.90
179.00	16.60	23.61#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111515\
 Data File : BE091168.D
 Acq On : 15 Nov 2015 12:14
 Operator : UM/NP
 Sample : G4322-08DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HR9DL

Quant Time: Nov 16 06:36:05 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 : Mon Nov 16 04:54:02 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mmdadoda
 11/16/2015 3:27:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	4435	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.59	136	22404	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.39	164	13520	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.10	188	36958	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	66094	0.40	ng/ul	0.00
22) Perylene-d12	22.12	264	60437	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96	1823m	0.57	ng/uL	0.10
6) 2-Methylnaphthalene-d10	11.12	152	375	0.01	ng/ul	0.03
16) Fluoranthene-d10	18.08	212	803	0.01	ng/ul	0.00

Target Compounds

						Qvalue
5) Naphthalene	9.62	128	24288	0.44	ng/ul	99
11) Fluorene	14.43	166	1847	0.03	ng/ul#	90
14) Phenanthrene	16.14	178	189771	0.44	ng/ul	97
15) Anthracene	16.22	178	43272m	0.11	ng/ul	
17) Fluoranthene	18.11	202	236739	0.47	ng/ul	87
19) Pyrene	18.49	202	346007	0.46	ng/ul#	79
20) Benzo(a)anthracene	20.21	228	36036	0.21	ng/ul	95
21) Chrysene	20.27	228	40156	0.21	ng/ul	96
23) Benzo(b)fluoranthene	21.57	252	19674	0.10	ng/ul	95
24) Benzo(k)fluoranthene	21.59	252	25200	0.13	ng/ul#	94
25) Benzo(a)pyrene	22.02	252	29962	0.17	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	23.72	276	56295	0.08	ng/ul#	89
27) Dibenzo(a,h)anthracene	23.68	278	5453	0.03	ng/ul#	66
28) Benzo(g,h,i)perylene	24.28	276	62159	0.08	ng/ul	96

U.M
 11/17/15

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