

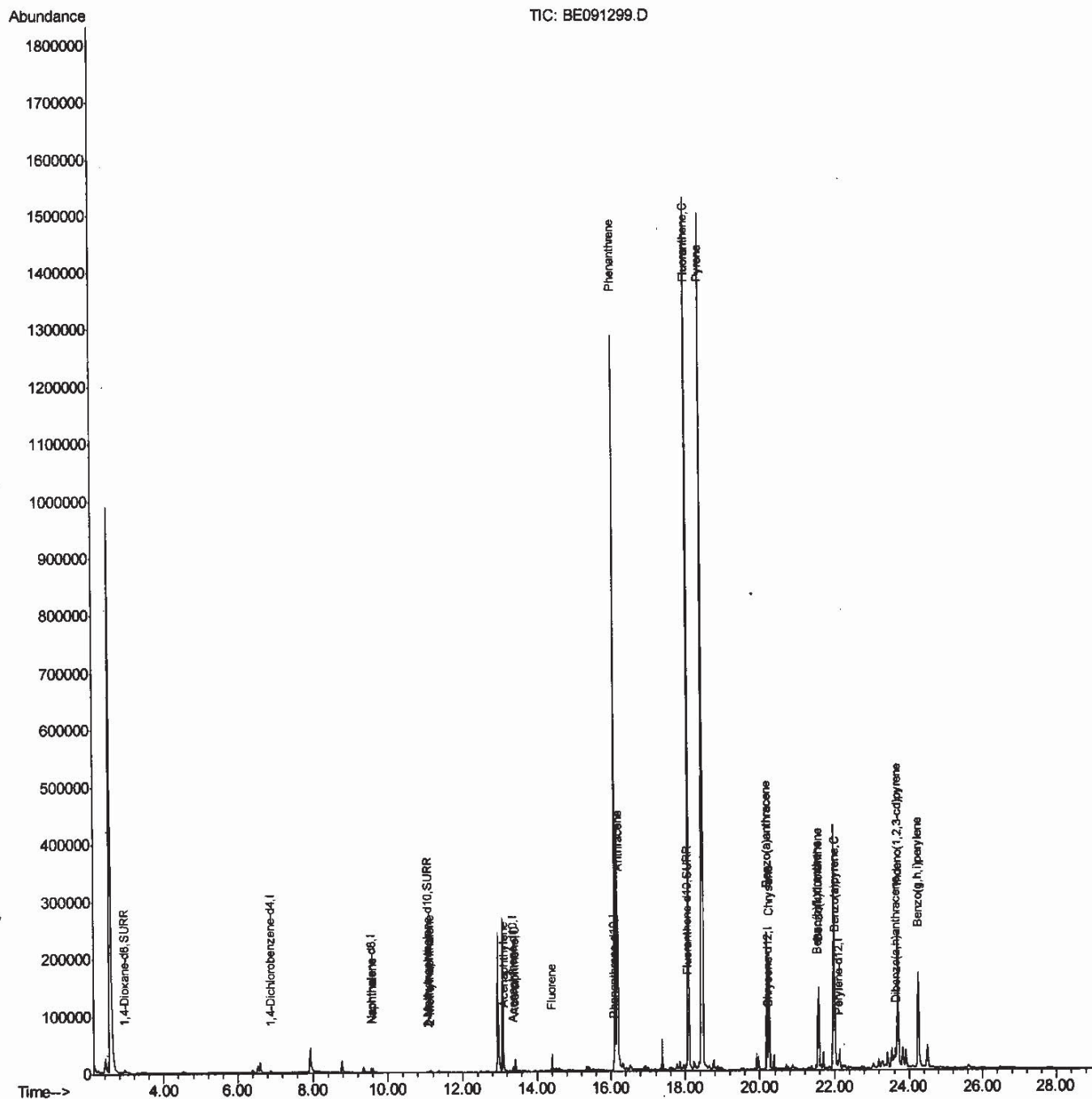
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112315\
Data File : BE091299.D
Acq On : 23 Nov 2015 14:44
Operator : UM/NP
Sample : G4322-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A4HS0

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:06:37 PM

Quant Time: Nov 24 04:10:07 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 : Tue Nov 24 02:51:08 2015
Response via : Initial Calibration



Quantitation Report (Qedit)

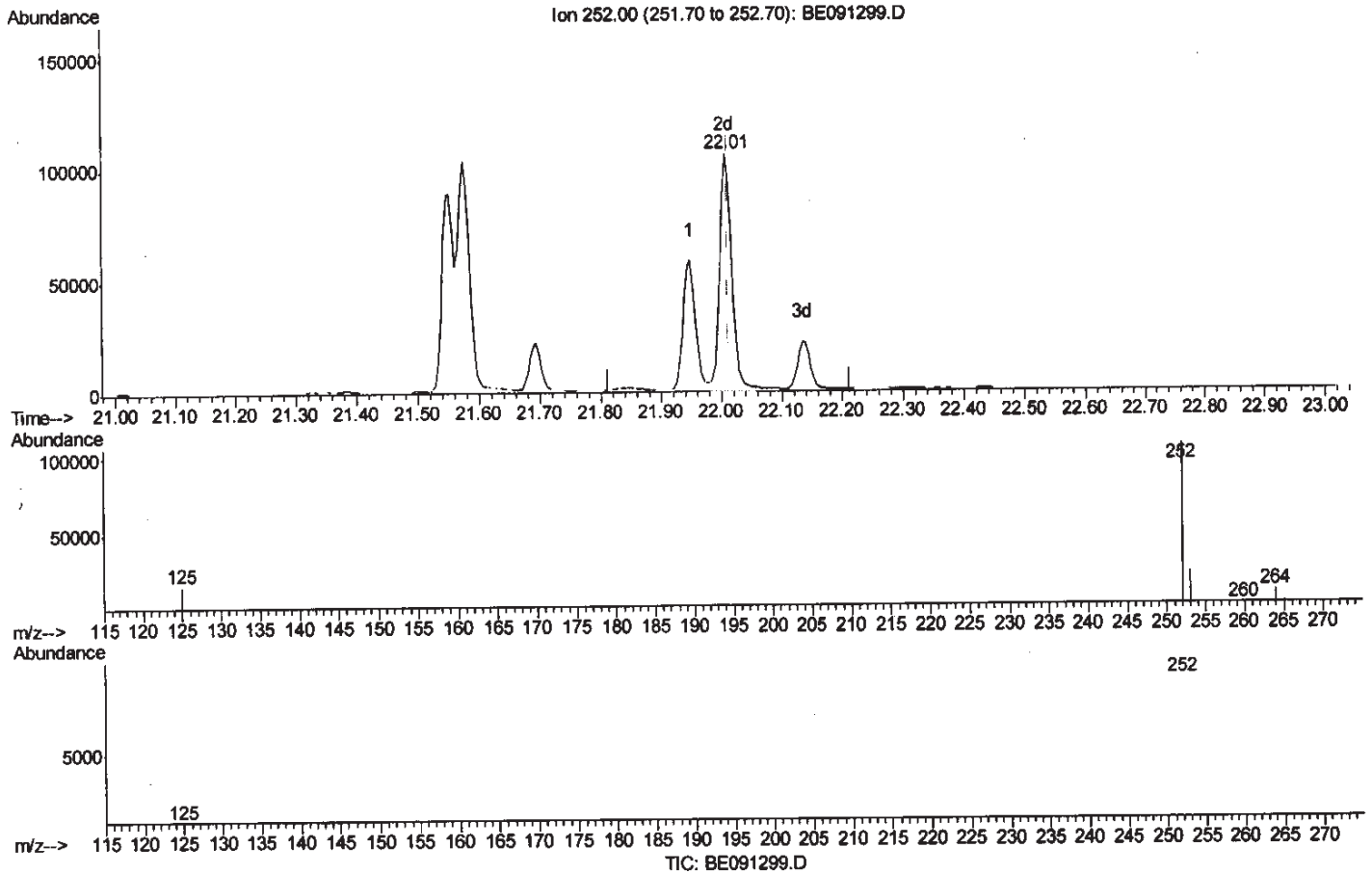
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112315\
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Manual Integrations
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Quant Time: Nov 24 04:08:43 2015
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(25) Benzo(a)pyrene (C)

22.007min (-0.006) 3.27ng/ul m

response 149091

Ion	Exp%	Act%
252.00	100	100
253.00	27.30	21.58#
125.00	18.10	15.48
0.00	0.00	0.00

U.M
 11/24/15

Quantitation Report (Qedit)

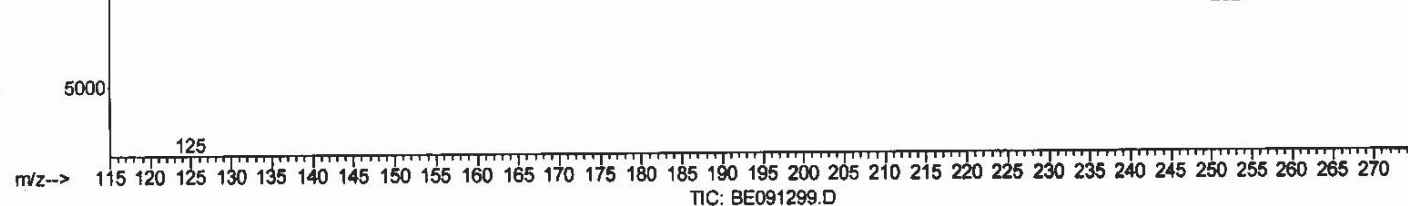
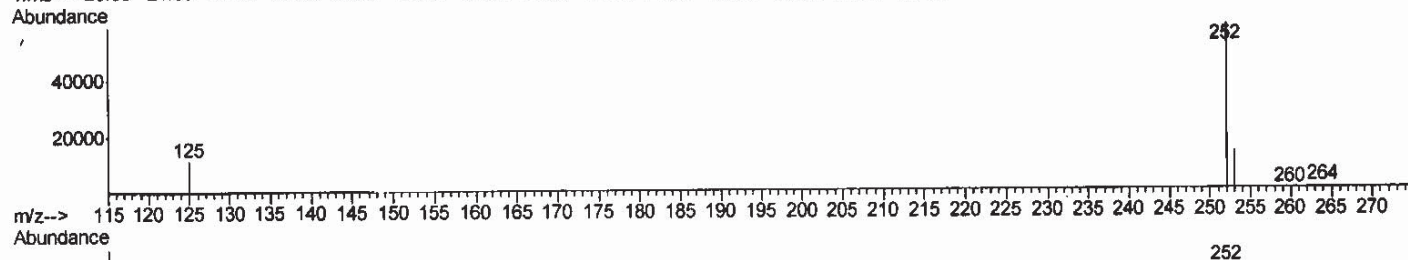
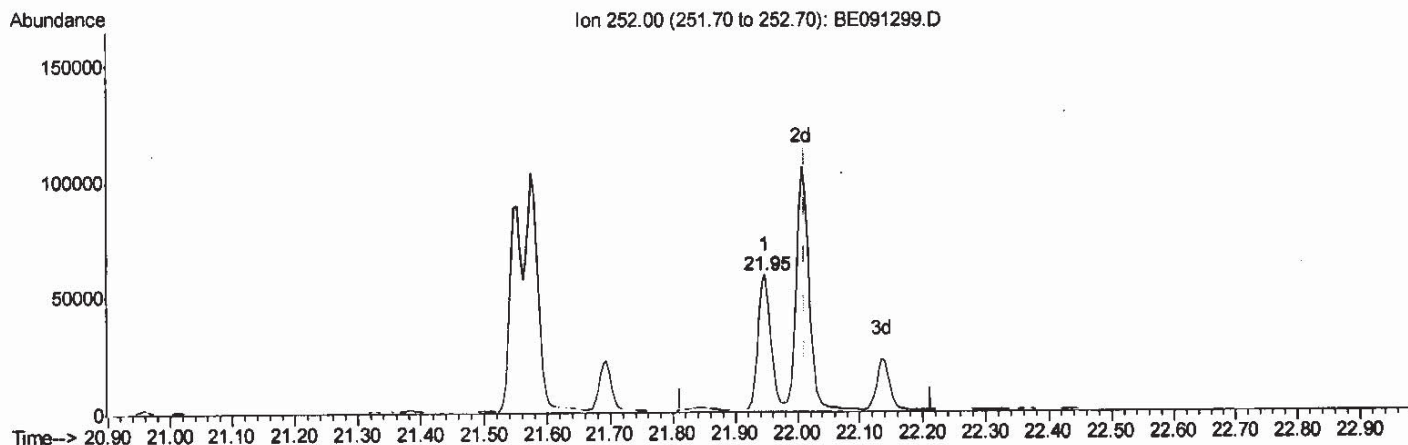
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112315\
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Instrument :
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Manual Integrations
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(25) Benzo(a)pyrene (C)

21.948min (-0.065) 1.83ng/ui

response 83480

Ion	Exp%	Act%
252.00	100	100
253.00	27.30	22.99
125.00	18.10	19.62
0.00	0.00	0.00

Quantitation Report (Qedit)

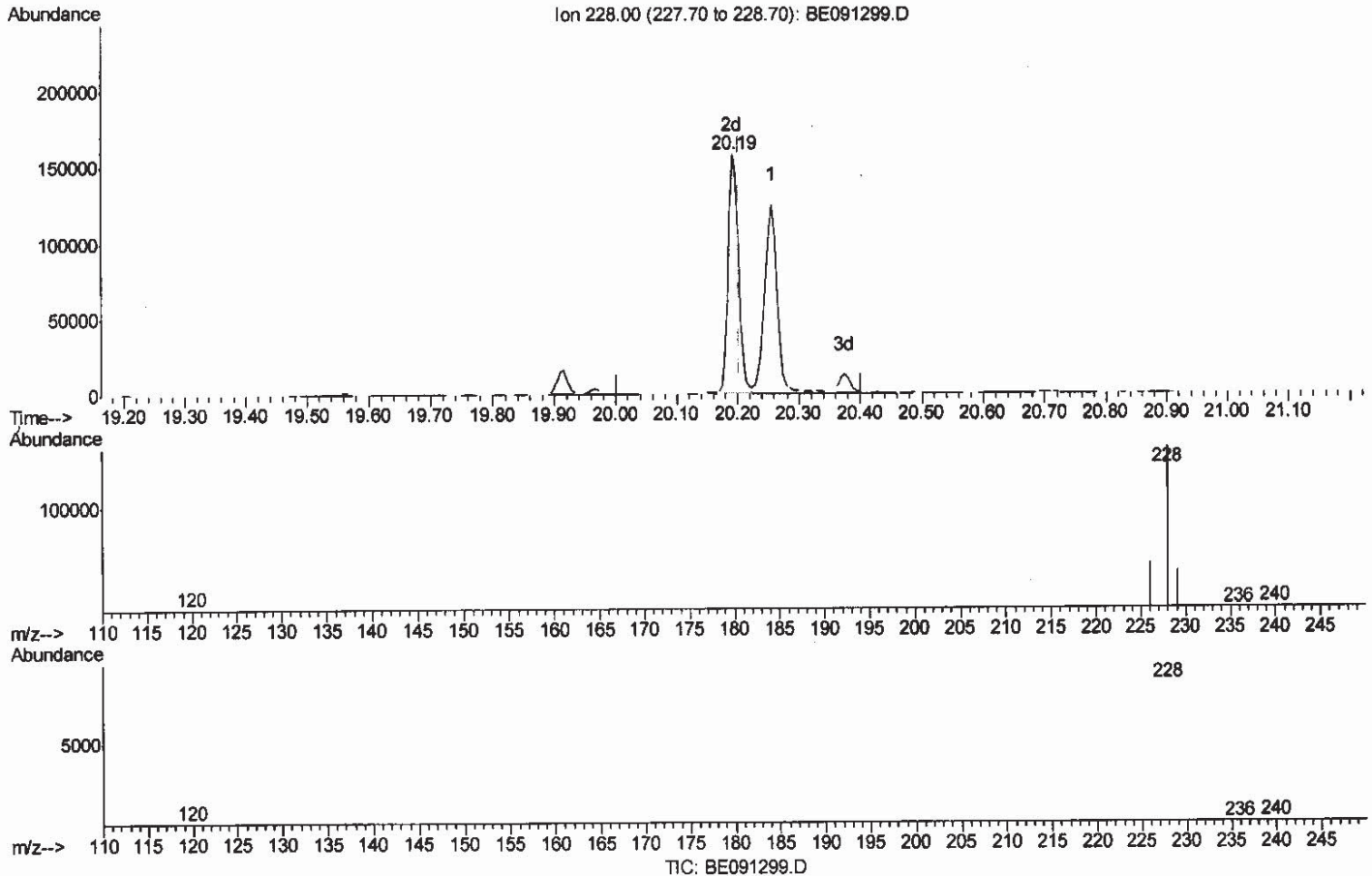
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112315\
Data File : BE091299.D
Acq On : 23 Nov 2015 14:44
Operator : UM/NP
Sample : G4322-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A4HS0

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:06:37 PM

Quant Time: Nov 24 04:08:43 2015
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(20) Benzo(a)anthracene

20.192min (-0.010) 5.06ng/ul m

response 189780

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	28.15
229.00	19.00	23.62#
0.00	0.00	0.00

U.M
11/24/15

Quantitation Report (Qedit)

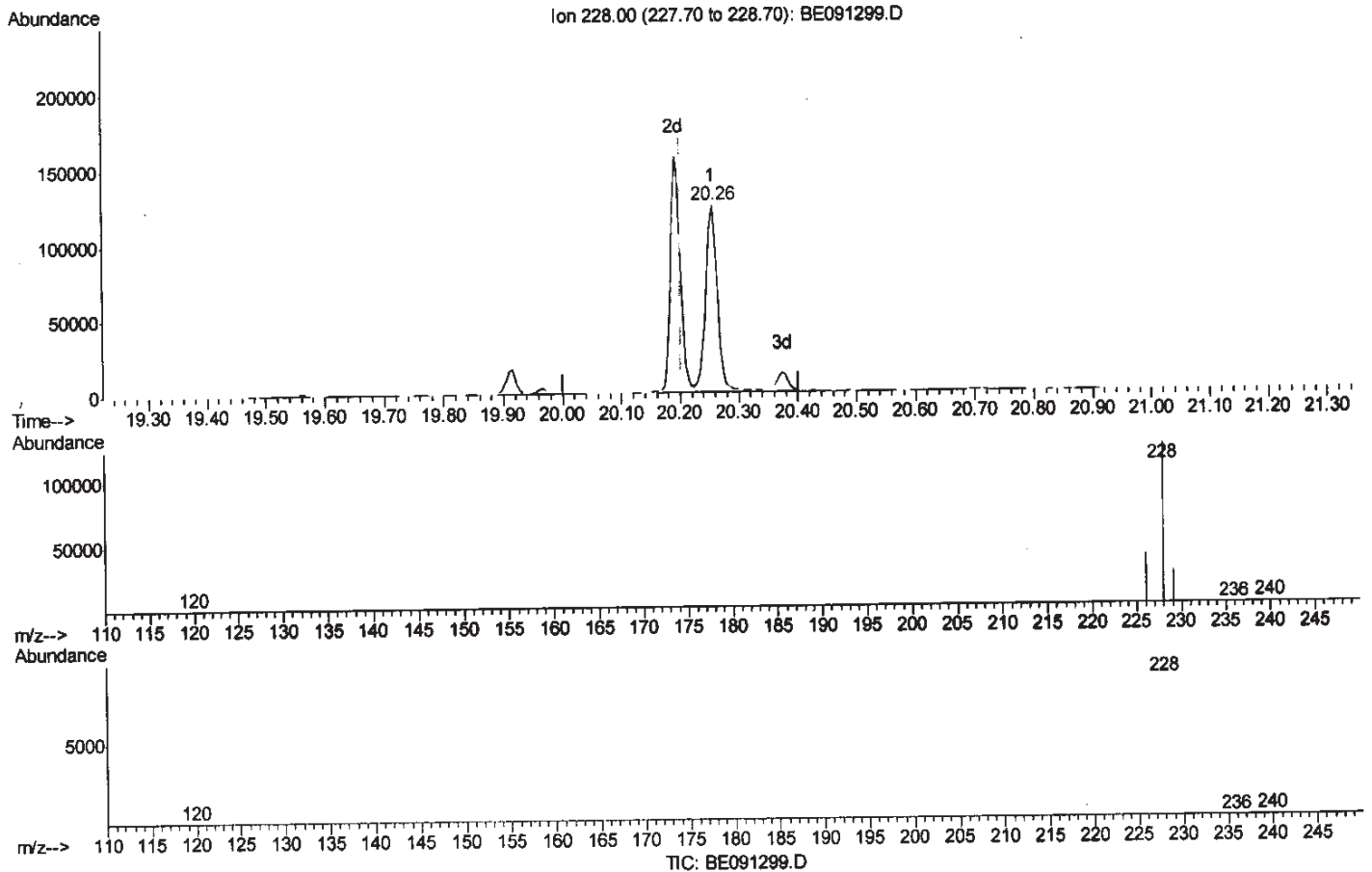
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112315\
 Data File : BE091299.D
 Acq On : 23 Nov 2015 14:44
 Operator : UM/NP
 Sample : G4322-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(20) Benzo(a)anthracene

20.256min (+0.054) 4.57ng/ul

response 171385

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	30.73
229.00	19.00	20.66
0.00	0.00	0.00

Quantitation Report (Qedit)

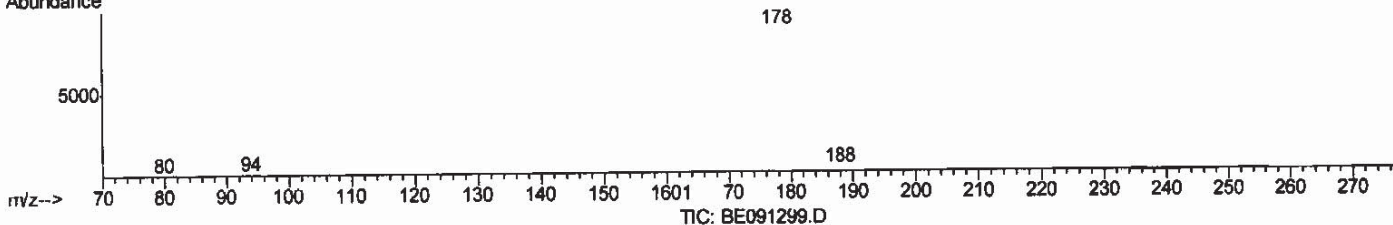
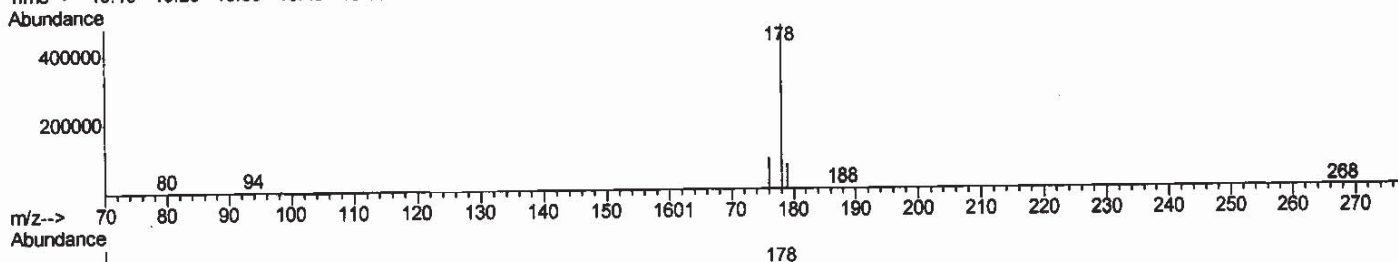
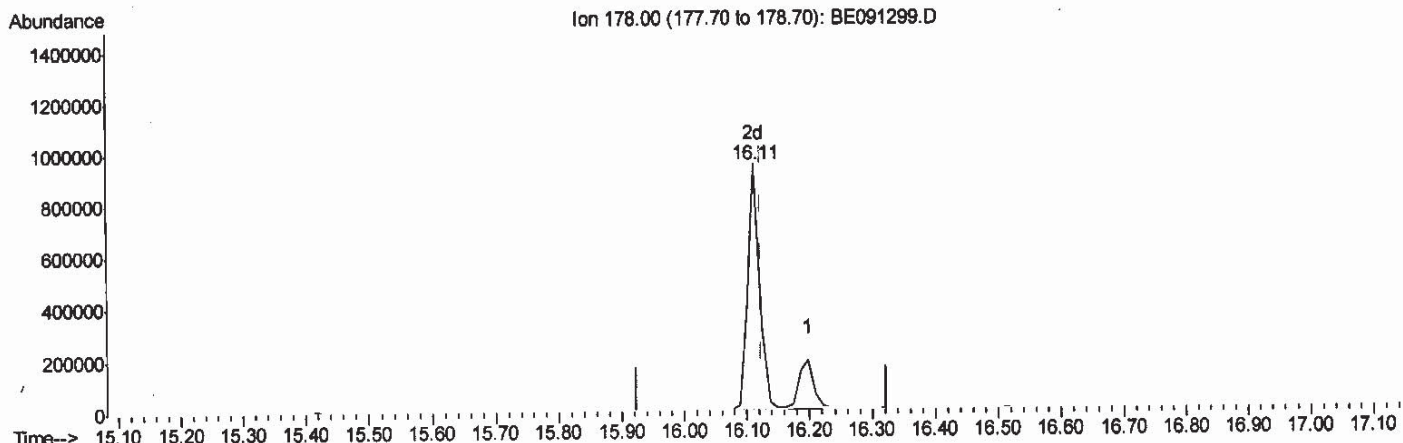
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112315\
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 Operator : UM/NP
 Sample : G4322-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS0

Manual Integrations
 APPROVED

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Quant Time: Nov 24 04:08:43 2015
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(14) Phenanthrene

16.113min (-0.011) 9.42ng/ul m

response 1262384

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	19.21
179.00	16.00	15.03
0.00	0.00	0.00

U.M
 11/24/15

Quantitation Report (Qedit)

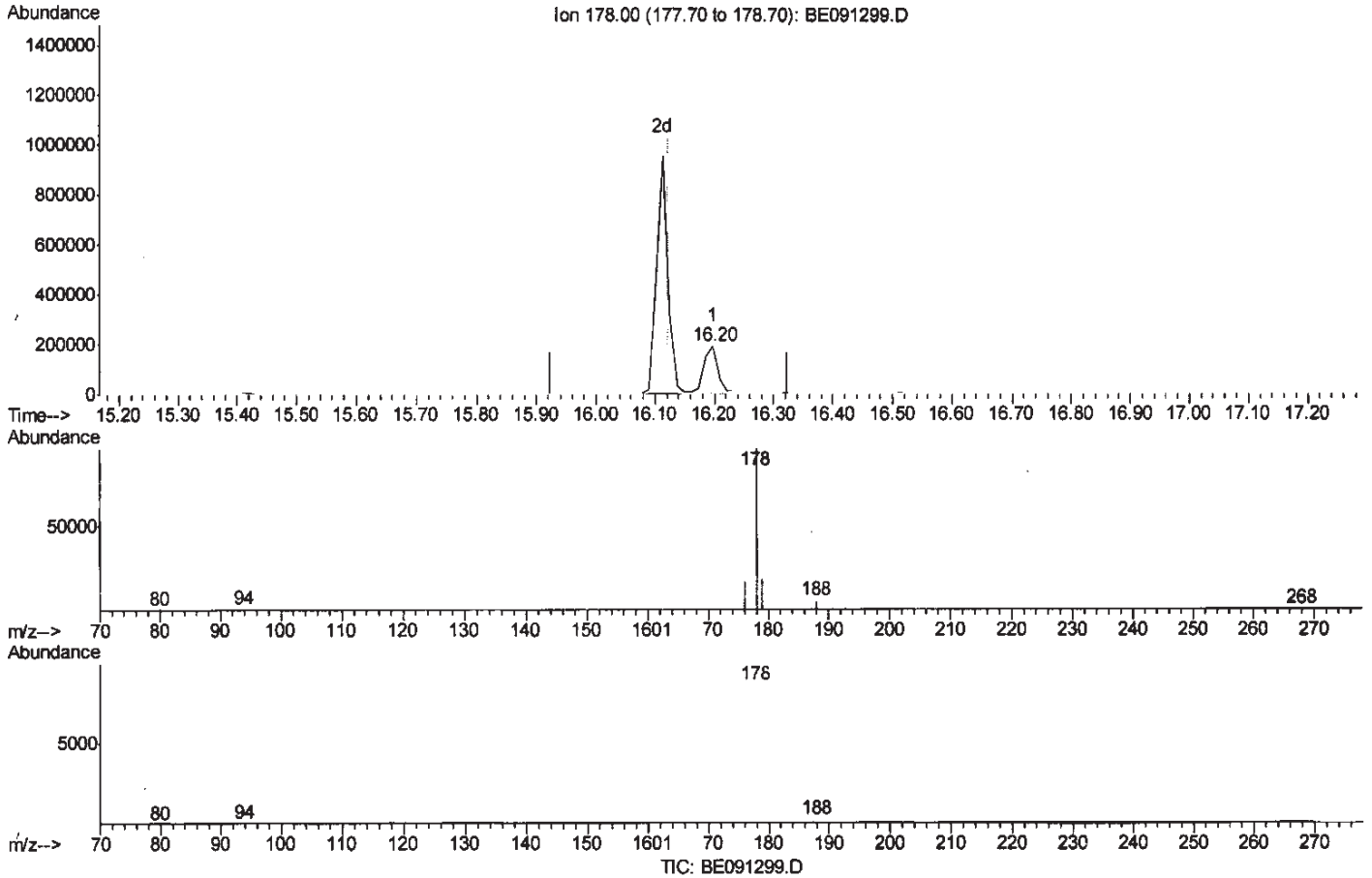
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112315\
 Data File : BE091299.D
 Acq On : 23 Nov 2015 14:44
 Operator : UM/NP
 Sample : G4322-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS0

Manual Integrations
 APPROVED

Mmdadoda
 11/24/2015 1:06:37 PM

Quant Time: Nov 24 04:08:43 2015
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(14) Phenanthrene

16.198min (+0.074) 2.39ng/ul

response 319828

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	17.40
179.00	16.00	19.09
0.00	0.00	0.00

Quantitation Report (Qedit)

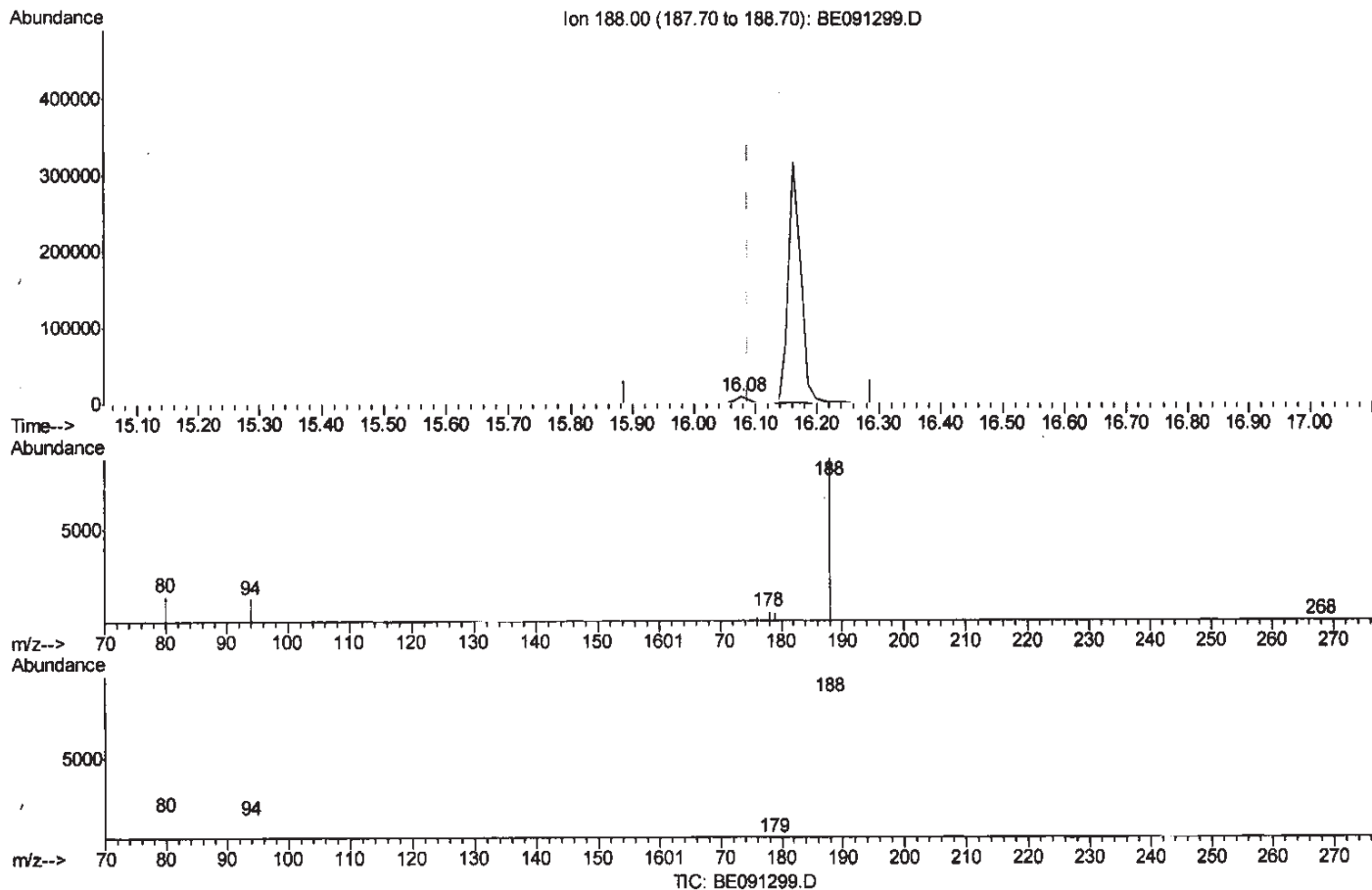
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112315\
 Data File : BE091299.D
 Acq On : 23 Nov 2015 14:44
 Operator : UM/NP
 Sample : G4322-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS0

Manual Integrations
 APPROVED

Mmdadoda
 11/24/2015 1:06:37 PM

Quant Time: Nov 24 03:56:15 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 : Tue Nov 24 02:51:08 2015
 Response via : Initial Calibration



(12) Phenanthrene-d10 (I)

16.076min (-0.011) 0.40ng/ul m

response 11605

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	14.79#
80.00	8.90	16.30#
0.00	0.00	0.00

U.M
 11/24/15

Quantitation Report (Qedit)

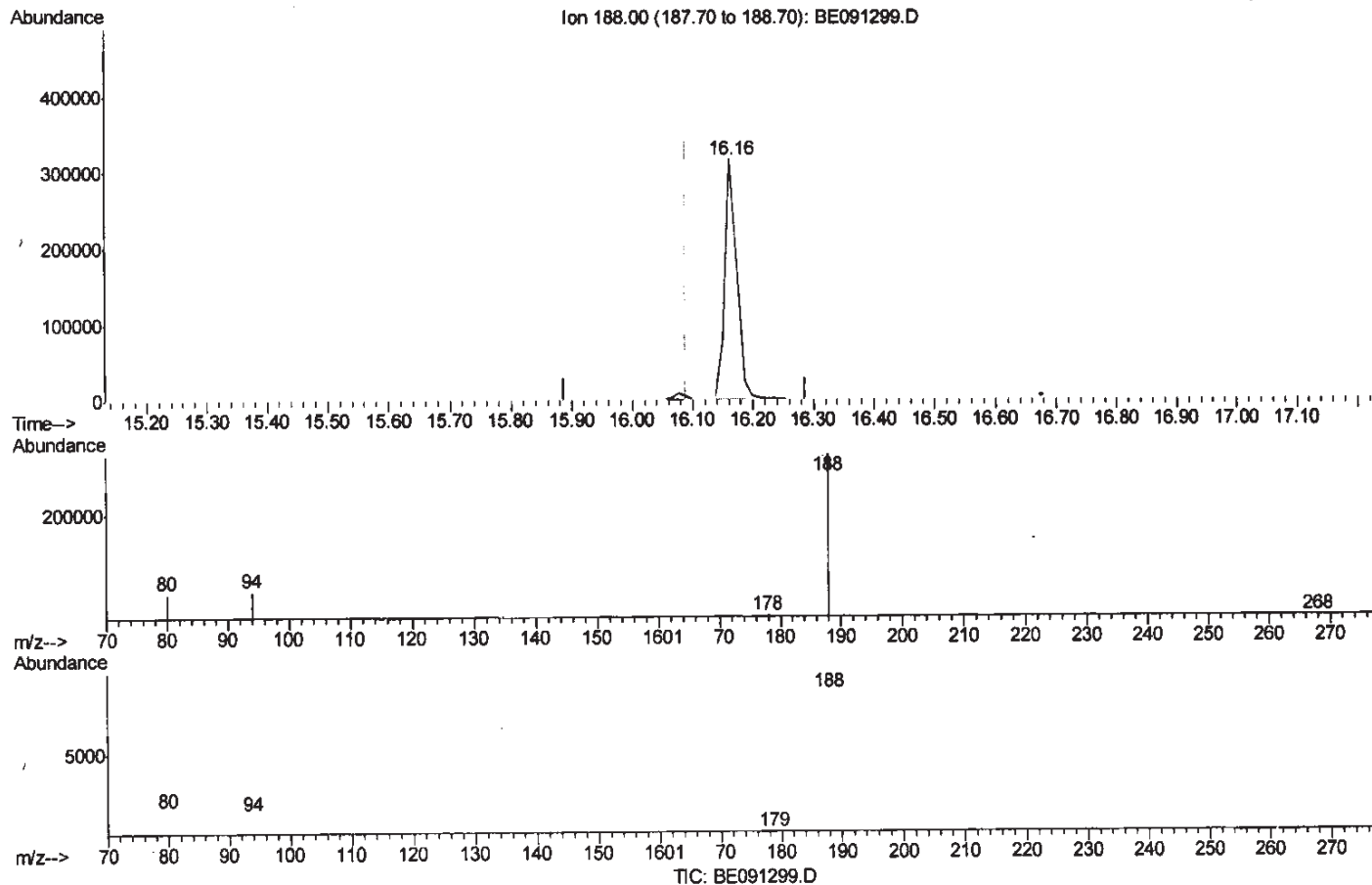
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112315\
 Data File : BE091299.D
 Acq On : 23 Nov 2015 14:44
 Operator : UM/NP
 Sample : G4322-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS0

Manual Integrations
 APPROVED

Mmdadoda
 11/24/2015 1:06:37 PM

Quant Time: Nov 24 03:56:15 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 : Tue Nov 24 02:51:08 2015
 Response via : Initial Calibration



(12) Phenanthrene-d10 (I)

16.161min (+0.074) 0.40ng/ul

response 439843

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	16.05#
80.00	8.90	14.67#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112315\
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 Acq On : 23 Nov 2015 14:44
 Operator : UM/NP
 Sample : G4322-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS0

Manual Integrations
 APPROVED

Mmdadoda
 11/24/2015 1:06:37 PM

Quant Time: Nov 24 04:10:07 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	1714	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.55	136	8030	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	4333	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.08	188	11605m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.22	240	14618	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	15841	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.94	96	8490	6.89	ng/uL	-0.01
6) 2-Methylnaphthalene-d10	11.06	152	1861	0.17	ng/ul	0.00
16) Fluoranthene-d10	18.06	212	5535	0.17	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	9.59	128	9380	0.47	ng/ul	99
7) 2-Methylnaphthalene	11.13	142	3633	0.28	ng/ul	98
9) Acenaphthylene	13.11	152	5548	0.26	ng/ul	99
10) Acenaphthene	13.42	153	12025	0.81	ng/ul	91
11) Fluorene	14.40	166	18916	0.99	ng/ul	93
14) Phenanthrene	16.11	178	1262384m	9.42	ng/ul	
15) Anthracene	16.20	178	315545	2.59	ng/ul	95
17) Fluoranthene	18.09	202	1657824	10.57	ng/ul	90
19) Pyrene	18.47	202	1508166	9.08	ng/ul#	80
20) Benzo(a)anthracene	20.19	228	189780m	5.06	ng/ul	
21) Chrysene	20.26	228	174059	4.03	ng/ul	97
23) Benzo(b)fluoranthene	21.55	252	115704	2.34	ng/ul	94
24) Benzo(k)fluoranthene	21.57	252	137615	2.71	ng/ul	95
25) Benzo(a)pyrene	22.01	252	149091m	3.27	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.70	276	307416	1.60	ng/ul#	91
27) Dibenzo(a,h)anthracene	23.64	278	27238	0.60	ng/ul#	73
28) Benzo(g,h,i)perylene	24.25	276	263186	1.31	ng/ul	96

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

U.m
 11/24/15