

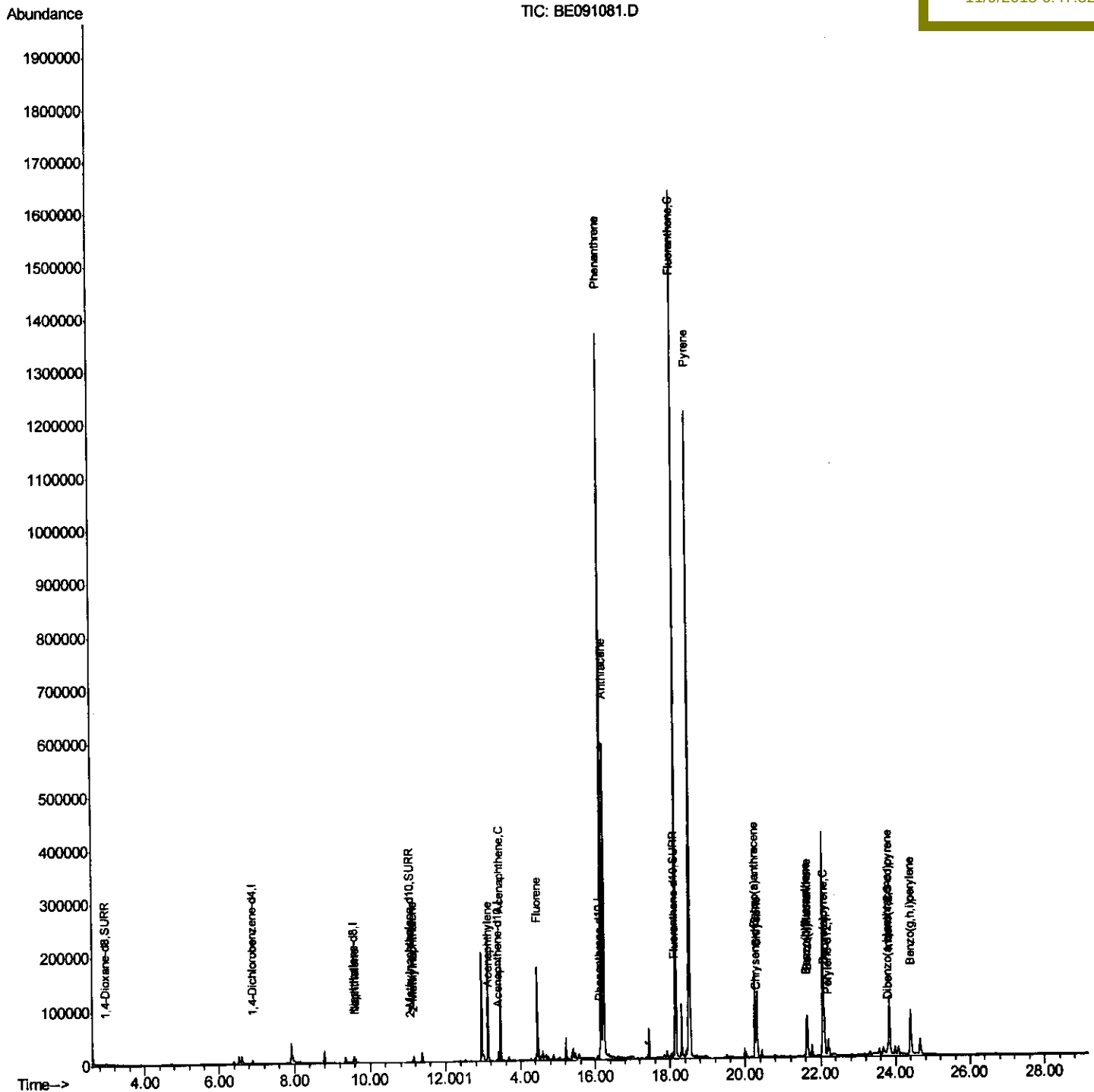
Data Path : Z:\HPCHEM1\BNA_E\Data\BE110615\
Data File : BE091081.D
Acq On : 6 Nov 2015 9:03
Operator : UM/NP
Sample : G4273-01DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AN6DL

Quant Time: Nov 09 13:45:47 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 09 05:49:45 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 6:47:52 PM



Data Path : Z:\HPCHEM1\BNA_E\Data\BE110615\
 Data File : BE091081.D
 Acq On : 6 Nov 2015 9:03
 Operator : UM/NP
 Sample : G4273-01DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AN6DL

Quant Time: Nov 09 13:45:47 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 09 05:49:45 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 6:47:52 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3024	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	16400	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	9607	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	23728	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	30022	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	33585	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	2.96	96	4316	1.98	ng/uL	0.00
6) 2-Methylnaphthalene-d10	11.08	152	1638	0.07	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	5142	0.08	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	9.61	128	9094	0.22	ng/ul	98
7) 2-Methylnaphthalene	11.14	142	8594	0.33	ng/ul	99
9) Acenaphthylene	13.15	152	8422	0.18	ng/ul	99
10) Acenaphthene	13.46	153	100439	3.06	ng/ul	93
11) Fluorene	14.45	166	103004	2.44	ng/ul	94
14) Phenanthrene	16.17	178	1509791	5.51	ng/ul	96
15) Anthracene	16.25	178	589993	2.37	ng/ul	99
17) Fluoranthene	18.15	202	1667107	5.20	ng/ul	90
19) Pyrene	18.54	202	1178596	3.46	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	123349	1.60	ng/ul	96
21) Chrysene	20.32	228	109534	1.23	ng/ul	98
23) Benzo(b)fluoranthene	21.63	252	68406	0.65	ng/ul	94
24) Benzo(k)fluoranthene	21.65	252	77940	0.72	ng/ul	95
25) Benzo(a)pyrene	22.10	252	81354m	0.84	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.83	276	157149m	0.39	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	15367	0.16	ng/ul#	74
28) Benzo(g,h,i)perylene	24.40	276	143886	0.34	ng/ul	94

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

U.M
 11/07/15

Quantitation Report (Qedit)

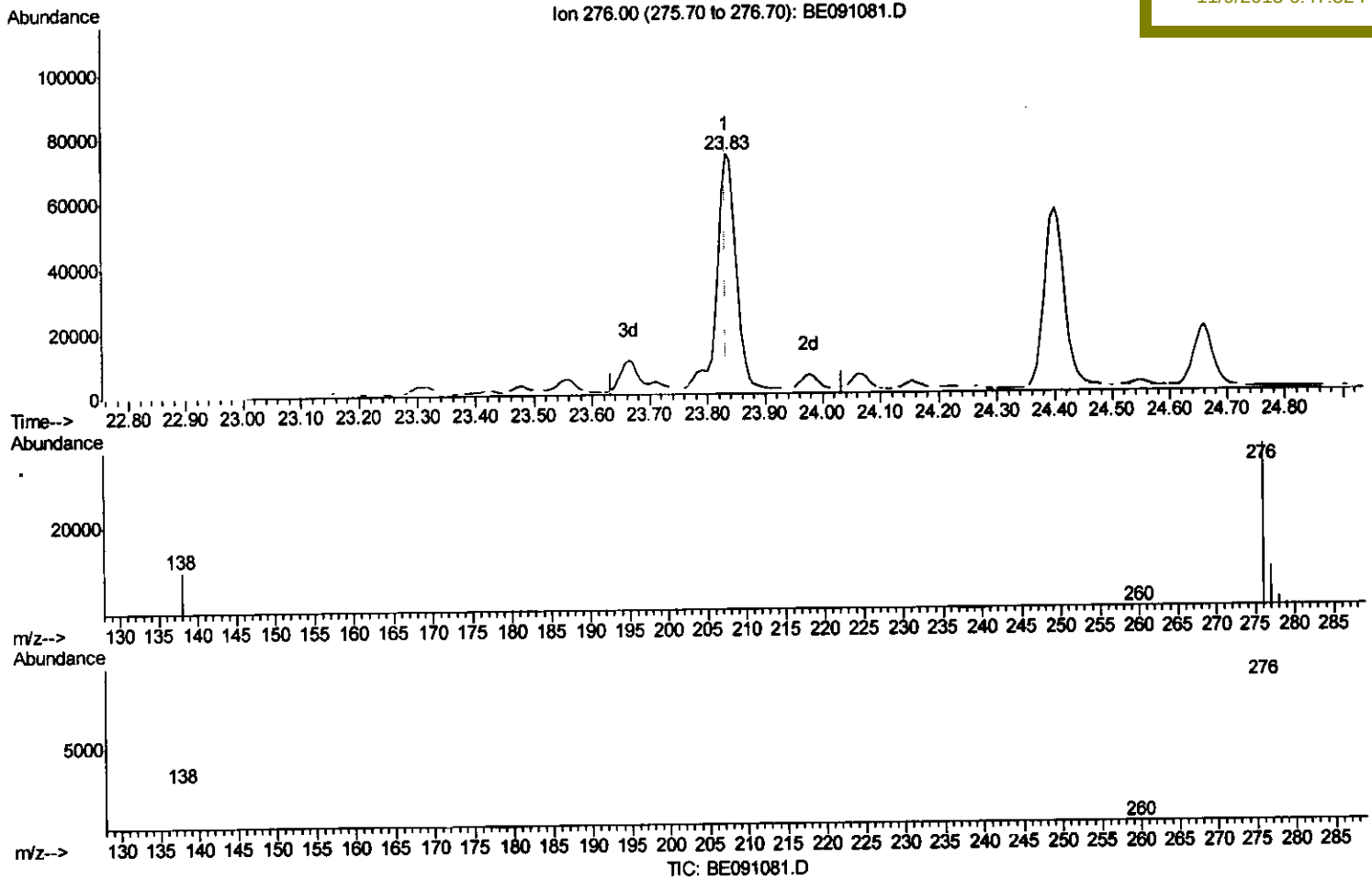
Data Path : Z:\HPCHEM1\BNA_E\Data\BE110615\
 Data File : BE091081.D
 Acq On : 6 Nov 2015 9:03
 Operator : UM/NP
 Sample : G4273-01DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COAN6DL

Quant Time: Nov 09 13:11:20 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 : Mon Nov 09 05:49:45 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 6:47:52 PM



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

23.833min (-0.000) 0.39ng/ul m

response 157149

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	23.61#
277.00	24.10	23.98
0.00	0.00	0.00

U.M
 11/07/15

Quantitation Report (Qedit)

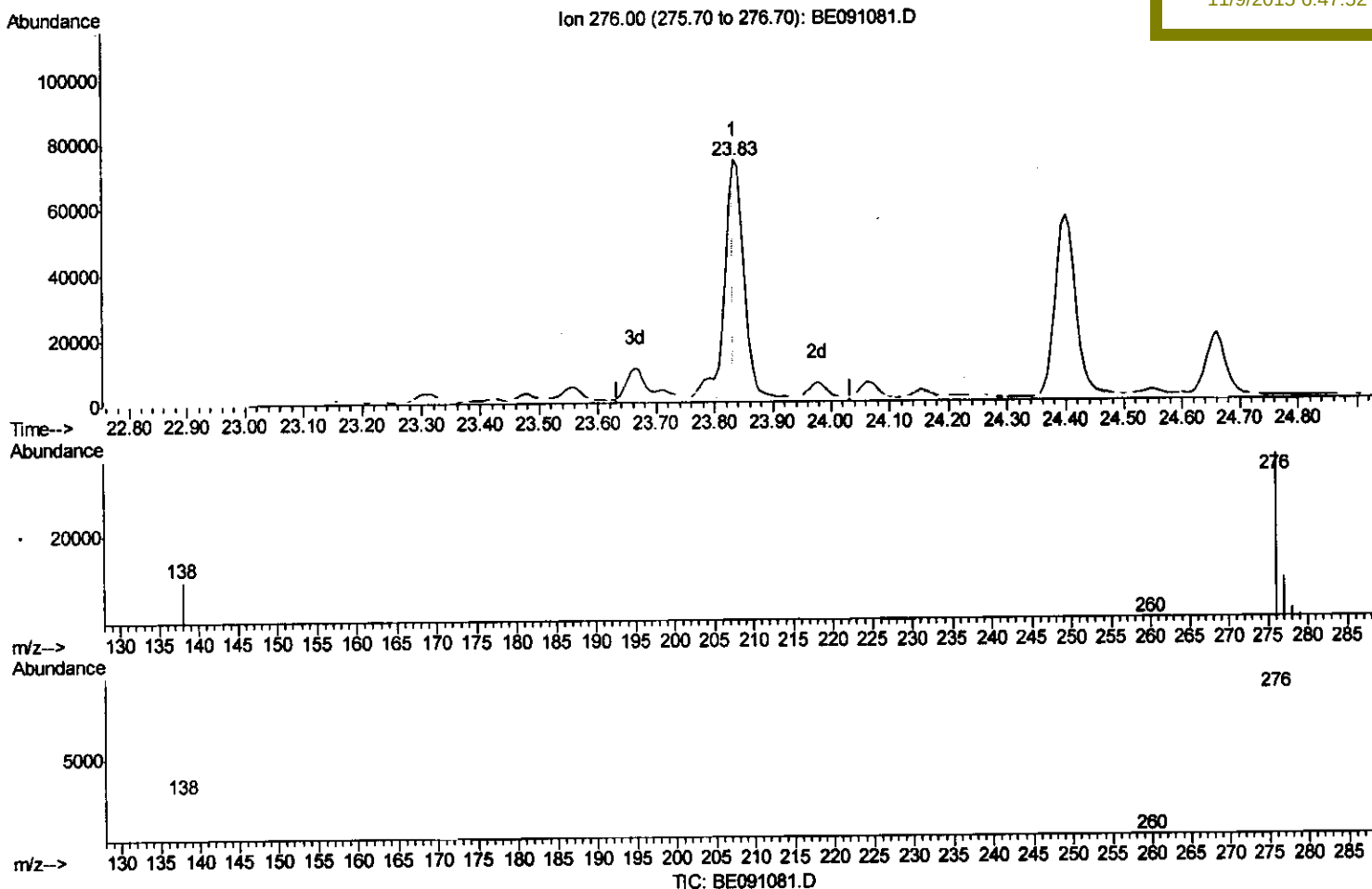
Data Path : Z:\HPCHEM1\BNA_E\Data\BE110615\
Data File : BE091081.D
Acq On : 6 Nov 2015 9:03
Operator : UM/NP
Sample : G4273-01DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
COAN6DL

Quant Time: Nov 09 13:11:20 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 : Mon Nov 09 05:49:45 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 6:47:52 PM



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

23.833min (-0.000) 0.41ng/ul

response 168242

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	22.05#
277.00	24.10	22.40
0.00	0.00	0.00

Quantitation Report (Qedit)

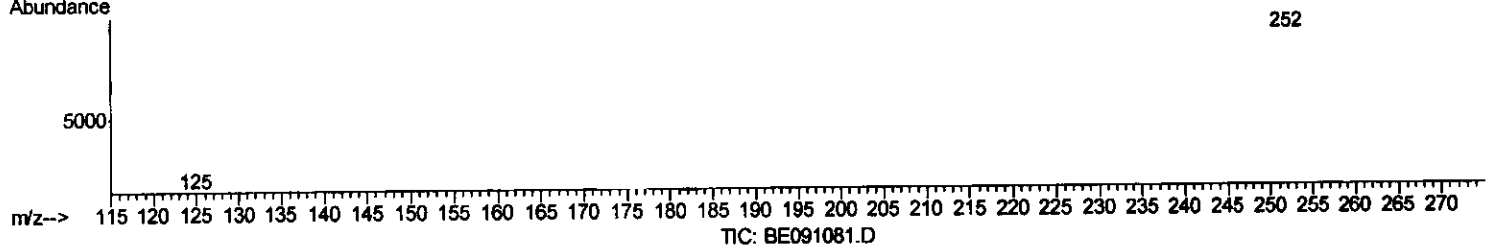
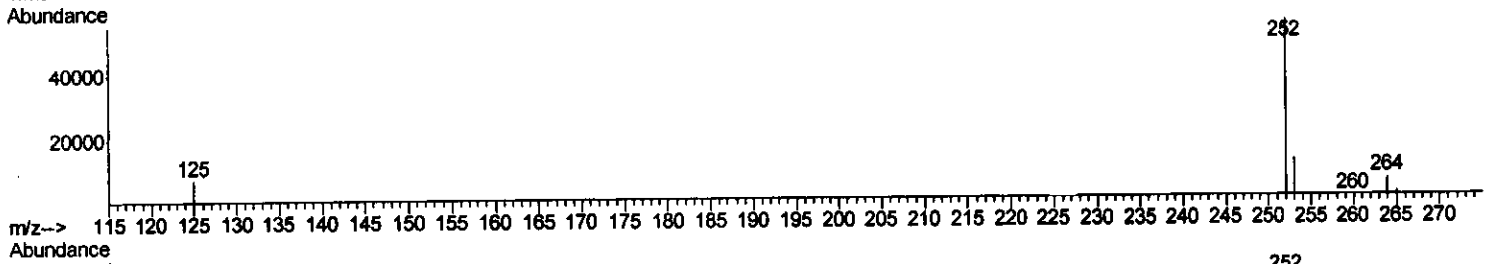
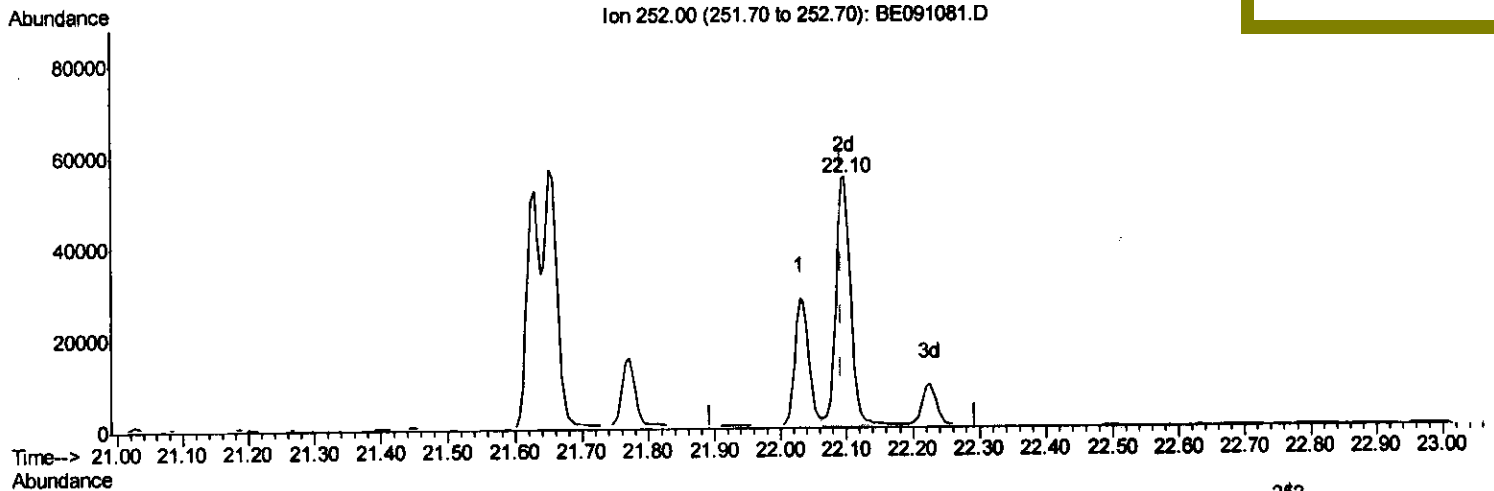
Data Path : Z:\HPCHEM1\BNA_E\Data\BE110615\
Data File : BE091081.D
Acq On : 6 Nov 2015 9:03
Operator : UM/NP
Sample : G4273-01DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
Client Sample ID :
C0AN6DL

Quant Time: Nov 09 13:11:20 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 : Mon Nov 09 05:49:45 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 6:47:52 PM



(25) Benzo(a)pyrene (C)

22.098min (+0.005) 0.84ng/ul m

response 81354

Ion	Exp%	Act%
252.00	100	100
253.00	27.30	22.73
125.00	18.10	14.39#
0.00	0.00	0.00

U.M
11/07/15

Quantitation Report (Qedit)

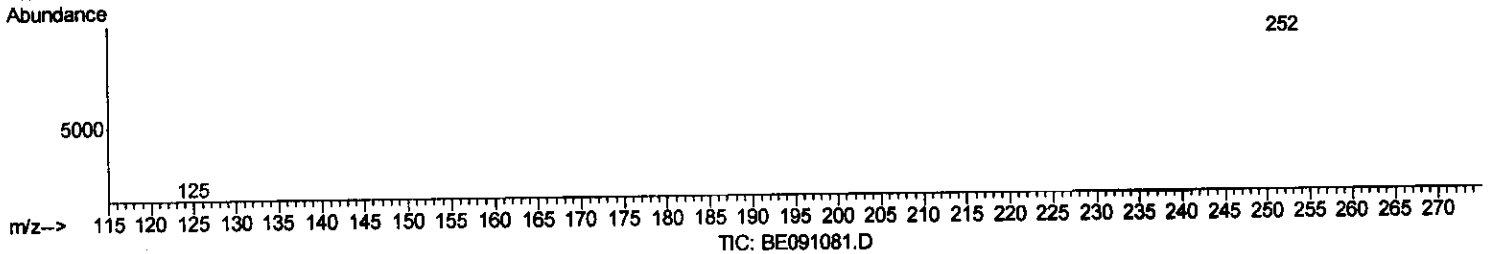
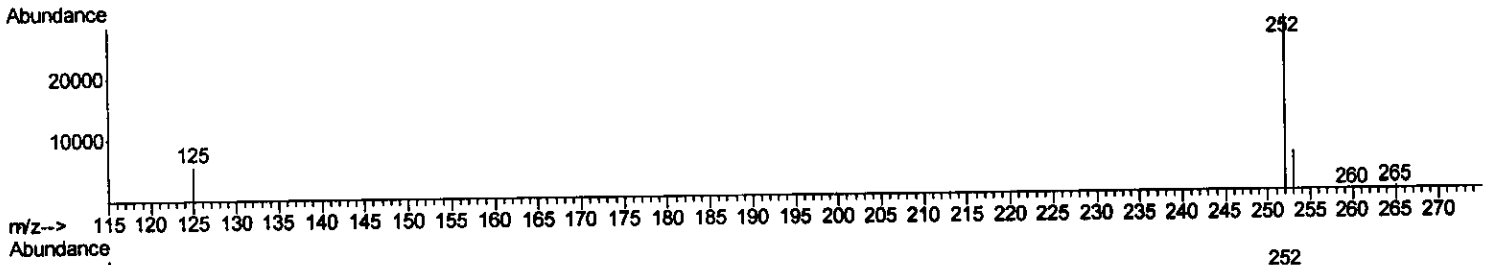
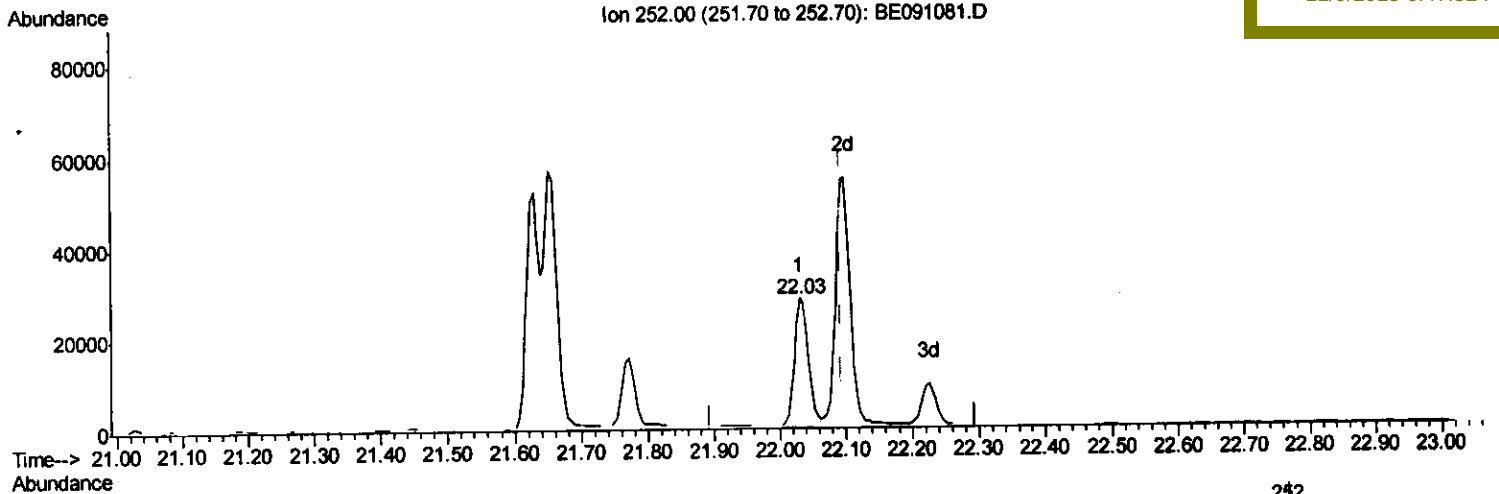
Data Path : Z:\HPCHEM1\BNA_E\Data\BE110615\
 Data File : BE091081.D
 Acq On : 6 Nov 2015 9:03
 Operator : UM/NP
 Sample : G4273-01DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AN6DL

Quant Time: Nov 09 13:11:20 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 : Mon Nov 09 05:49:45 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 6:47:52 PM



(25) Benzo(a)pyrene (C)
 22.030min (-0.064) 0.43ng/ul
 response 41933

Ion	Exp%	Act%
252.00	100	100
253.00	27.30	22.61
125.00	18.10	19.80
0.00	0.00	0.00