

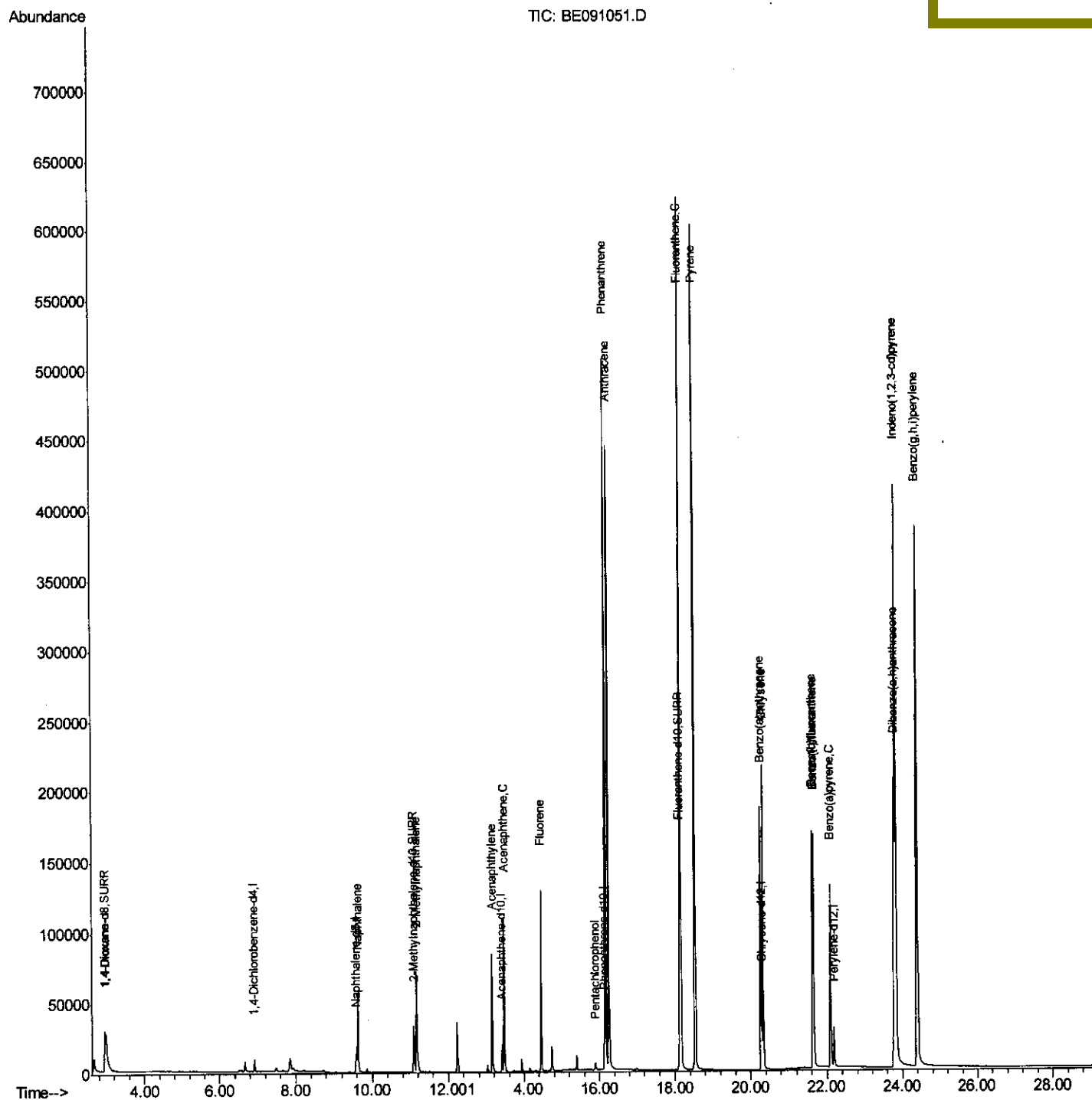
Data Path : Z:\HPCHEM1\BNA E\Data\Be102715\
Data File : BE091051.D
Acq On : 27 Oct 2015 12:55
Operator : UM/NP
Sample : SSTDL.693
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD1.693

Quant Time: Oct 27 15:19:18 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 Oct 27 15:06:22 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MmDadoda
10/28/2015 6:36:47 PM



Quantitation Report (Qedit)

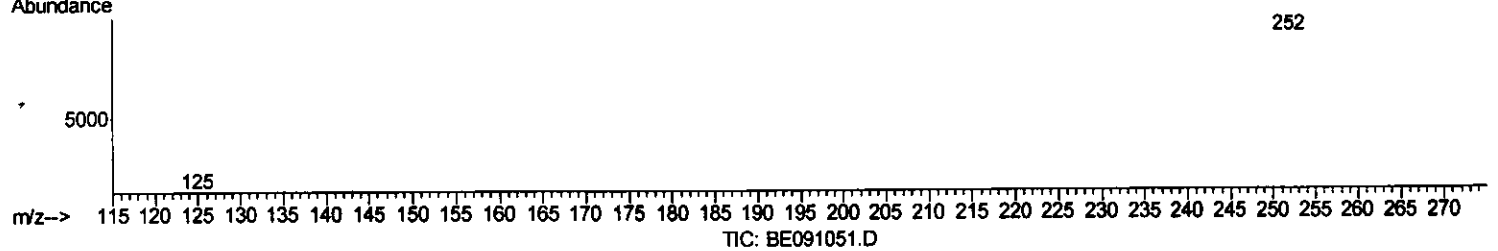
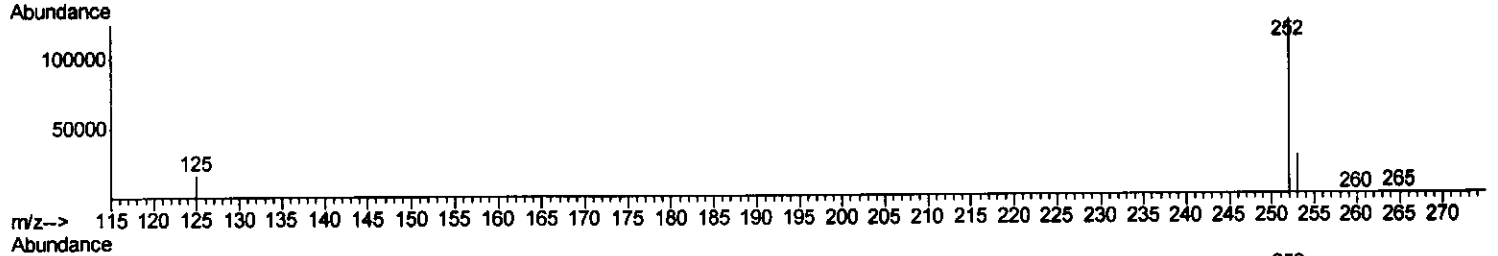
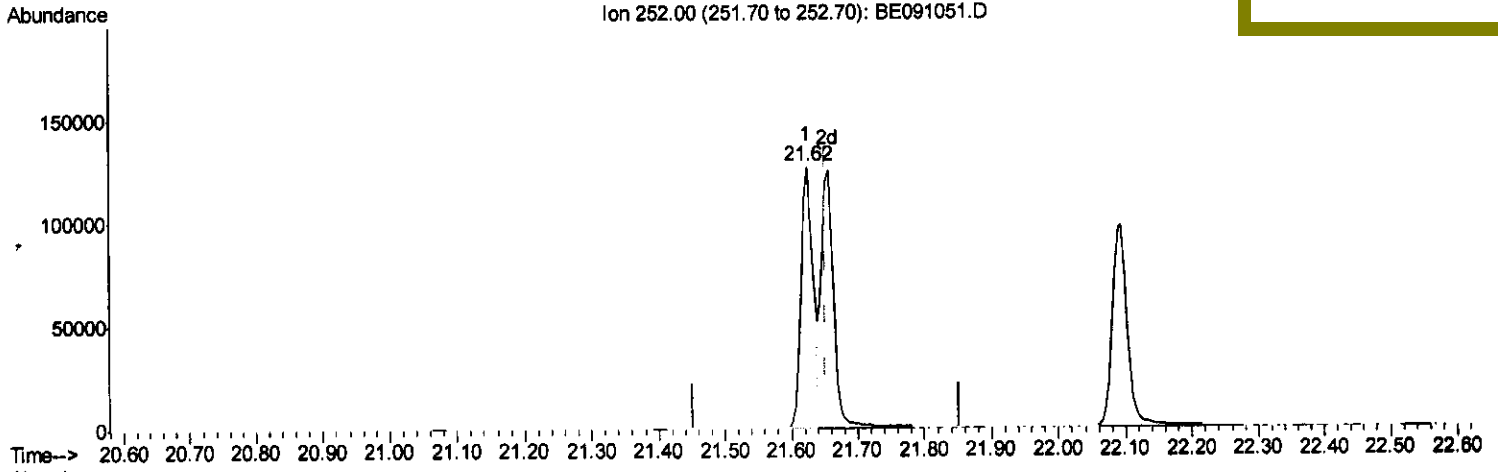
Data Path : Z:\HPCHEM1\BNA E\Data\Be102715\
 Data File : BE091051.D
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 Operator : UM/NP
 Sample : SSTD1.693
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD1.693

Quant Time: Oct 27 14:32:25 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 Oct 27 14:25:05 2015
 Response via : Initial Calibration

Manual Integrations
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(24) Benzo(k)fluoranthene

21.624min (-0.028) 1.72ng/ul

response 158383

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	21.86
125.00	15.30	12.42
0.00	0.00	0.00

Quantitation Report (Qedit)

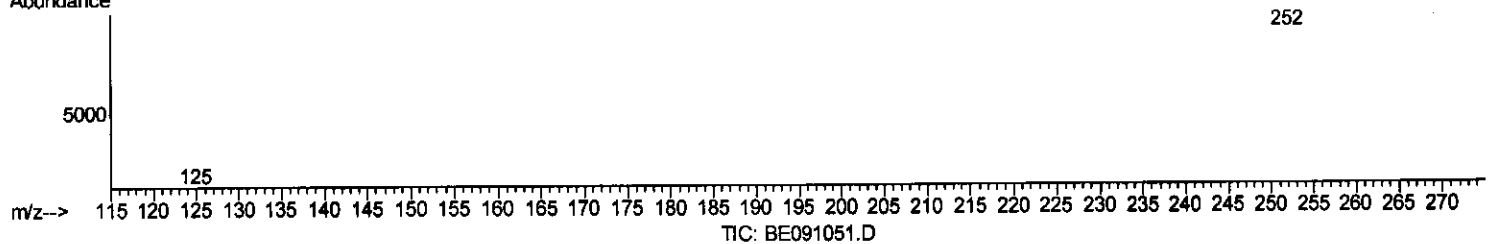
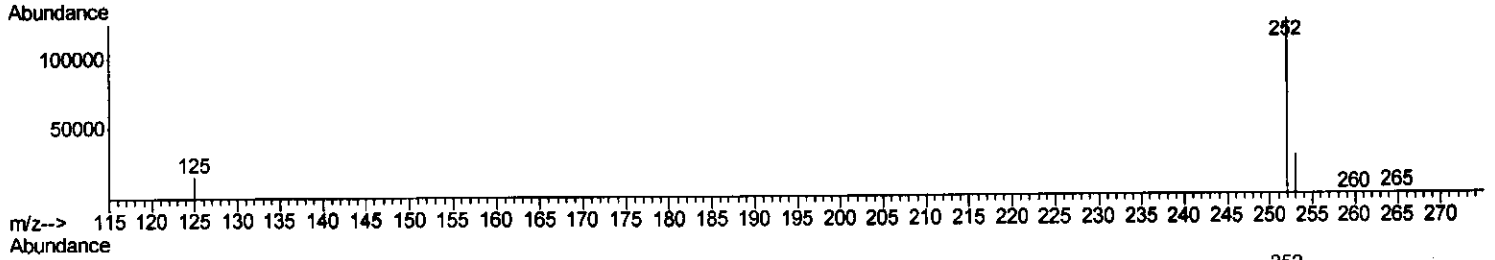
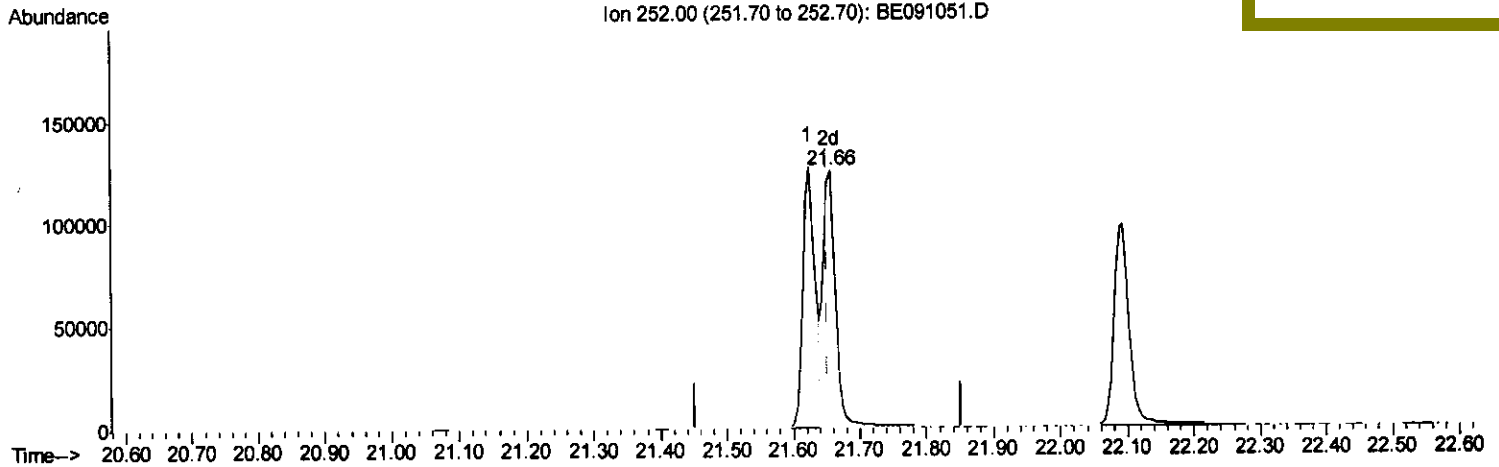
Data Path : Z:\HPCHEM1\BNA E\Data\Be102715\
 Data File : BE091051.D
 Acq On : 27 Oct 2015 12:55
 Operator : UM/NP
 Sample : SSTD1.693
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Quant Time: Oct 27 14:32:25 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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 10/28/2015 6:36:47 PM



(24) Benzo(k)fluoranthene

21.656min (+0.003) 1.83ng/ul m

response 168626

Ion Exp% Act%

252.00 100 100

253.00 26.00 22.17

125.00 15.30 12.11#

0.00 0.00 0.00

U.M
 10/29/15

Quantitation Report (Qedit)

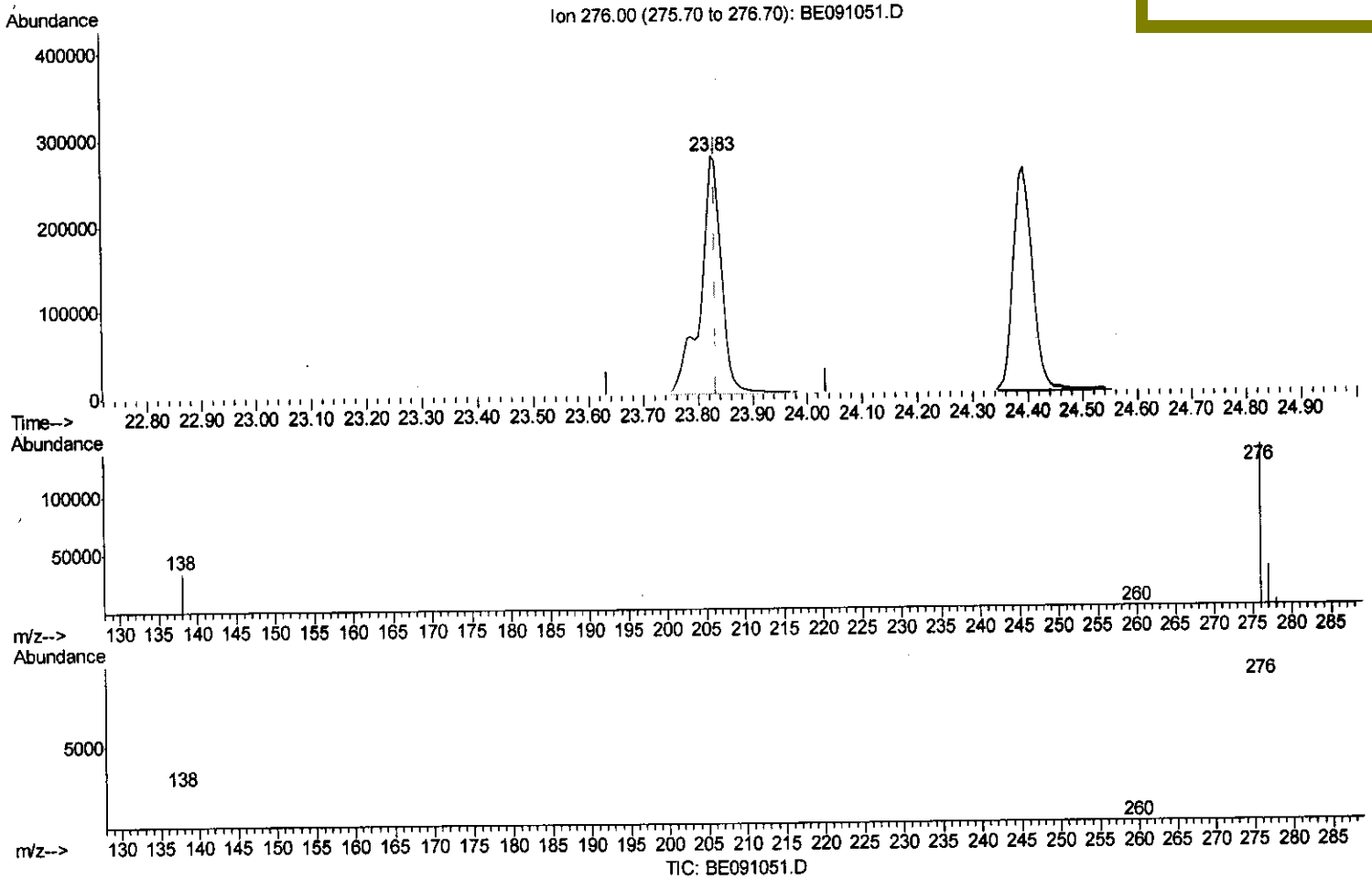
Data Path : Z:\HPCHEM1\BNA E\Data\Be102715\
 Data File : BE091051.D
 Acq On : 27 Oct 2015 12:55
 Operator : UM/NP
 Sample : SSTD1.693
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD1.693

Quant Time: Oct 27 15:16:48 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
 APPROVED

MmDadoda
 10/28/2015 6:36:47 PM



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

23.827min (-0.007) 2.06ng/ul

response 740899

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	18.92#
277.00	24.10	19.28
0.00	0.00	0.00

Quantitation Report (Qedit)

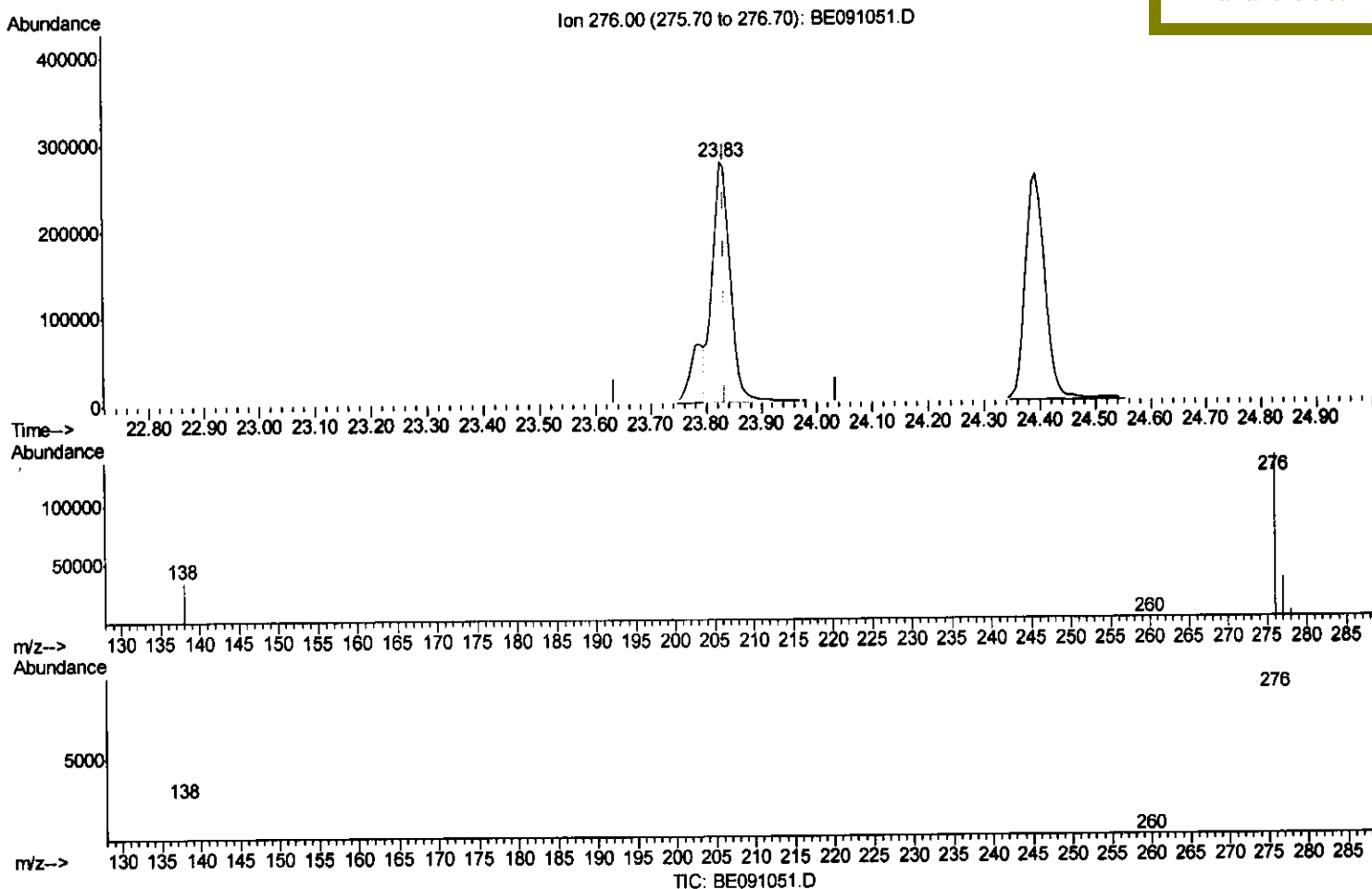
Data Path : Z:\HPCHEM1\BNA E\Data\Be102715\
Data File : BE091051.D
Acq On : 27 Oct 2015 12:55
Operator : UM/NP
Sample : SSTDL693
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD1.693

Quant Time: Oct 27 15:16:48 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Manual Integrations
APPROVED

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

23.827min (-0.007) 1.75ng/ul m

response 630789

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	22.23#
277.00	24.10	22.65
0.00	0.00	0.00

V.M
10/29/15

Data Path : Z:\HPCHEM1\BNA E\Data\Be102715\
 Data File : BE091051.D
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 Operator : UM/NP
 Sample : SSTD1.693
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	4072	0.40	ng/ul	0.00
4) Naphthalene-d8	9.58	136	19886	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	10481	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	28797	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	35531	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	29720	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.95	96	24494	1.67	ng/uL	-0.04
6) 2-Methylnaphthalene-d10	11.08	152	43884	1.61	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	142489	1.71	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	2.97	88	28232	1.68	ng/ul#	67
5) Naphthalene	9.63	128	78264	1.60	ng/ul	99
7) 2-Methylnaphthalene	11.16	142	52572	1.59	ng/ul	95
9) Acenaphthylene	13.15	152	86718	1.64	ng/ul	97
10) Acenaphthene	13.47	153	58127	1.61	ng/ul	91
11) Fluorene	14.45	166	75589	1.65	ng/ul	89
13) Pentachlorophenol	15.89	266	4991	1.82	ng/ul	95
14) Phenanthrene	16.17	178	536535	1.61	ng/ul	97
15) Anthracene	16.25	178	512521	1.65	ng/ul	97
17) Fluoranthene	18.15	202	669064	1.68	ng/ul	88
19) Pyrene	18.54	202	633504	1.57	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	152507	1.65	ng/ul	97
21) Chrysene	20.32	228	169529	1.61	ng/ul	98
23) Benzo(b)fluoranthene	21.62	252	158383	1.68	ng/ul	92
24) Benzo(k)fluoranthene	21.66	252	167441m	1.76	ng/ul	
25) Benzo(a)pyrene	22.09	252	148593	1.71	ng/ul#	90
26) Indeno(1,2,3-cd)pyrene	23.83	276	630789m	1.75	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	148013	1.68	ng/ul#	71
28) Benzo(a,h,i)perylene	24.39	276	633959	1.65	ng/ul#	91

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