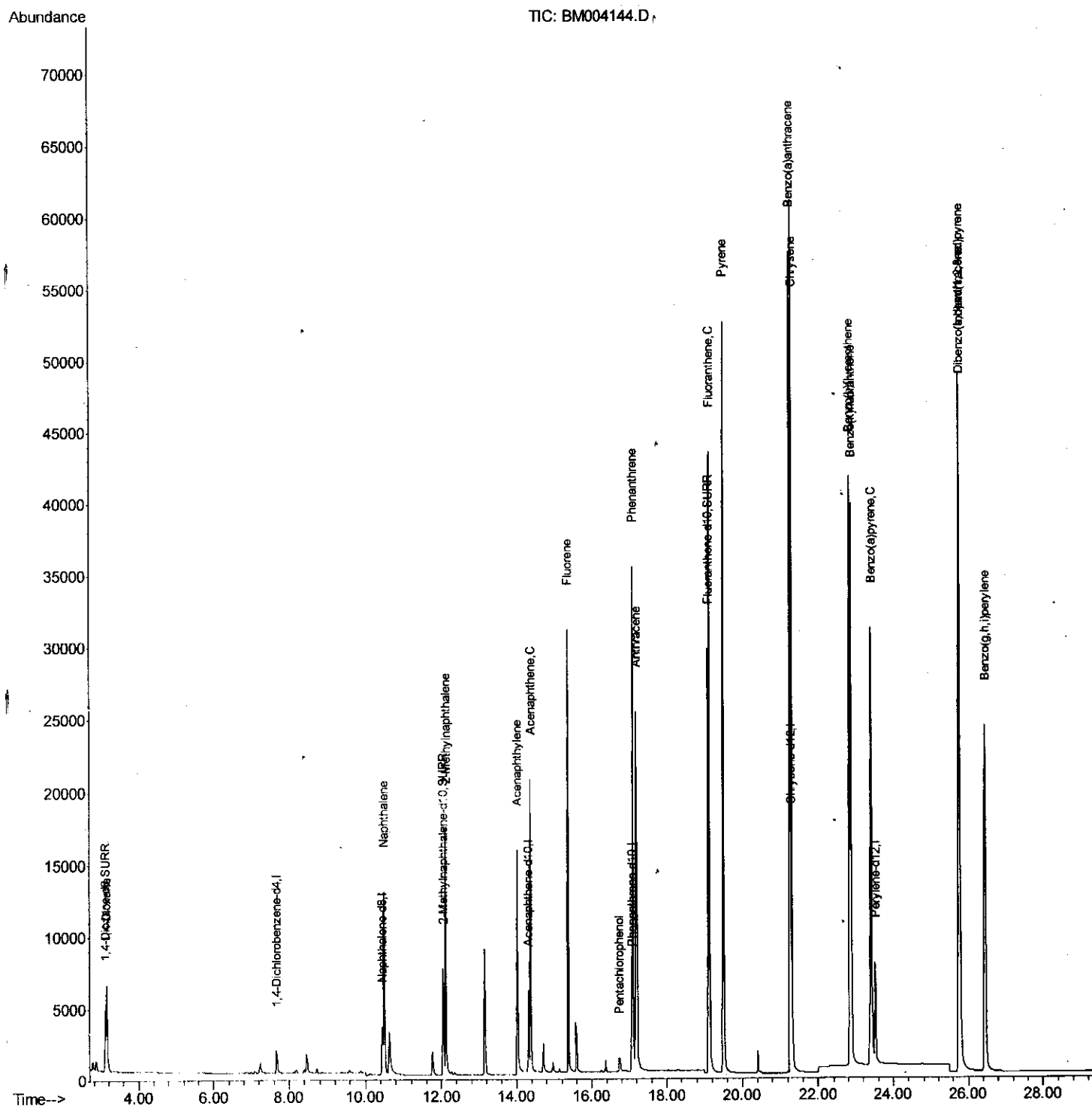


Data Path : Z:\HPCHEM1\BNA_M\Data\BM012916\
Data File : BM004144.D
Acq On : 29 Jan 2016 12:58
Operator : SJ/IZ
Sample : SSTDL652
Misc :
ALS Vial : 6 Sample Multiplier: 1

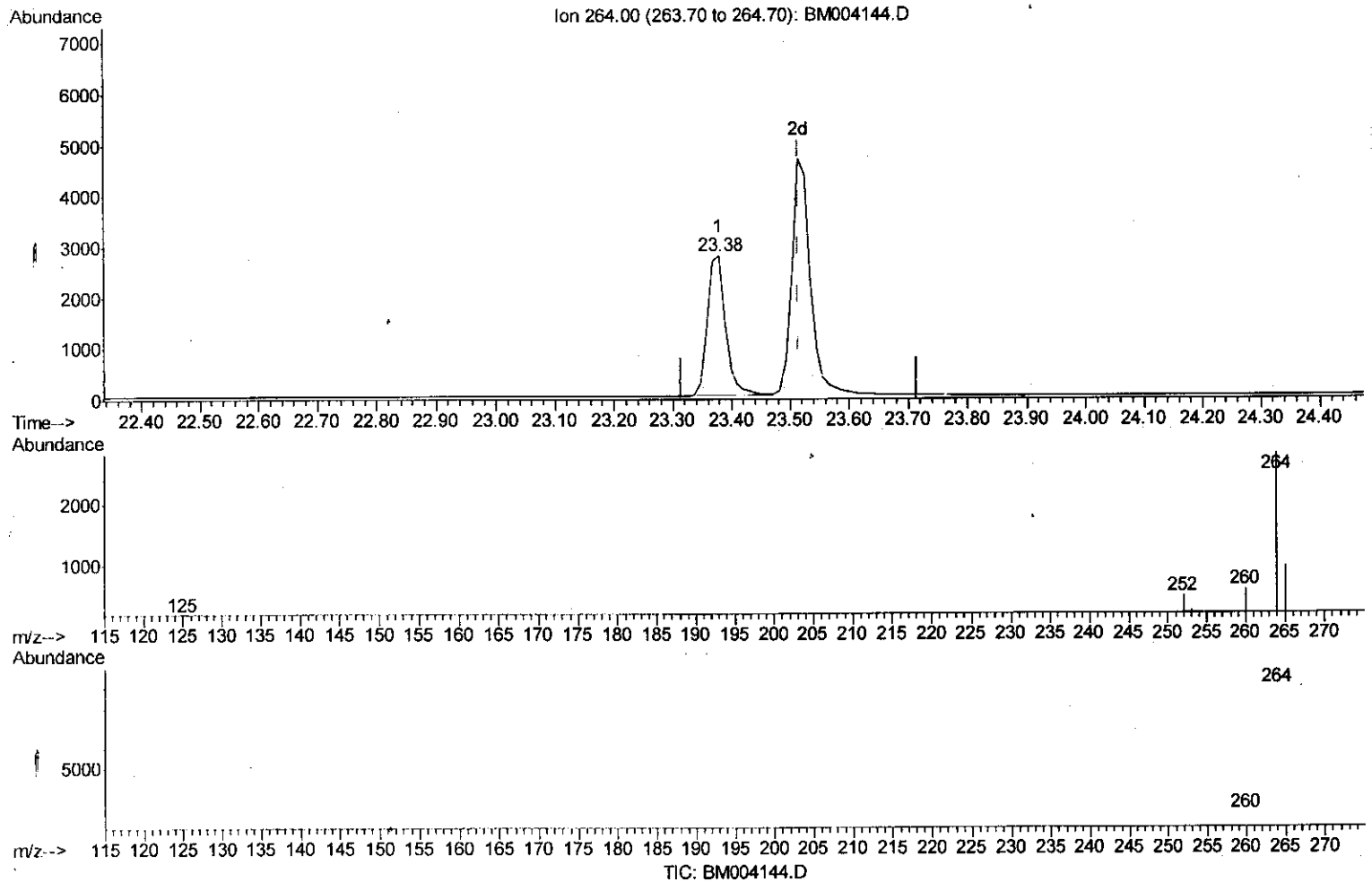
Quant Time: Jan 29 13:46:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:08:00 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012916\
 Data File : BM004144.D
 Acq On : 29 Jan 2016 12:58
 Operator : SJ/IZ
 Sample : SSTD1.652
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 13:41:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Fri Jan 29 12:08:00 2016
 Response via : Initial Calibration



(22) Perylene-d12 (I)

23.378min (-0.136) 0.40ng/ul

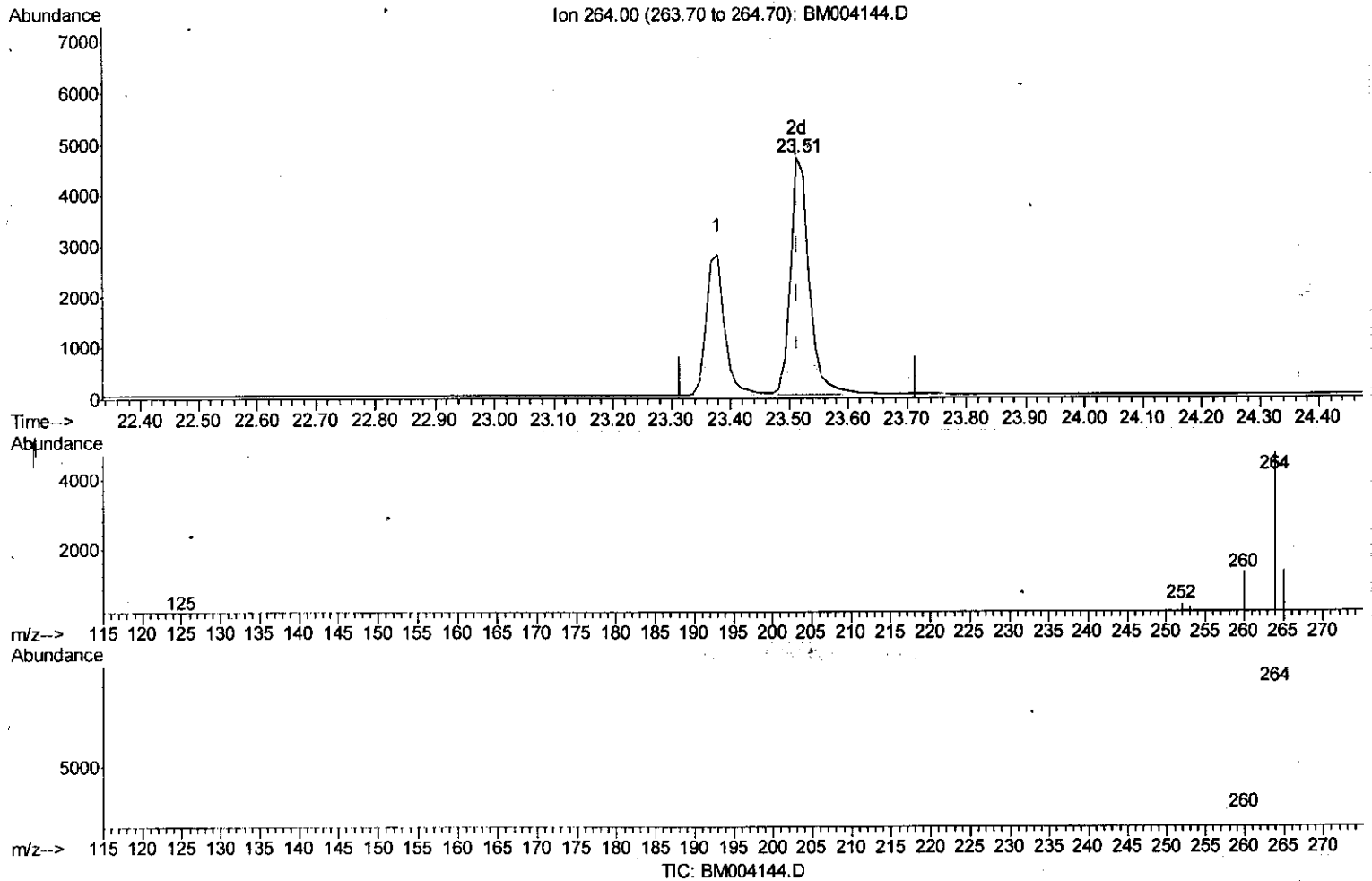
response 5785

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	21.01
265.00	38.20	34.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012916\
 Data File : BM004144.D
 Acq On : 29 Jan 2016 12:58
 Operator : SJ/IZ
 Sample : SSTDL652
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 13:41:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jan 29 12:08:00 2016
 Response via : Initial Calibration



(22) Perylene-d12 (I)

23.514min (-0.000) 0.40ng/ul m

response 10407

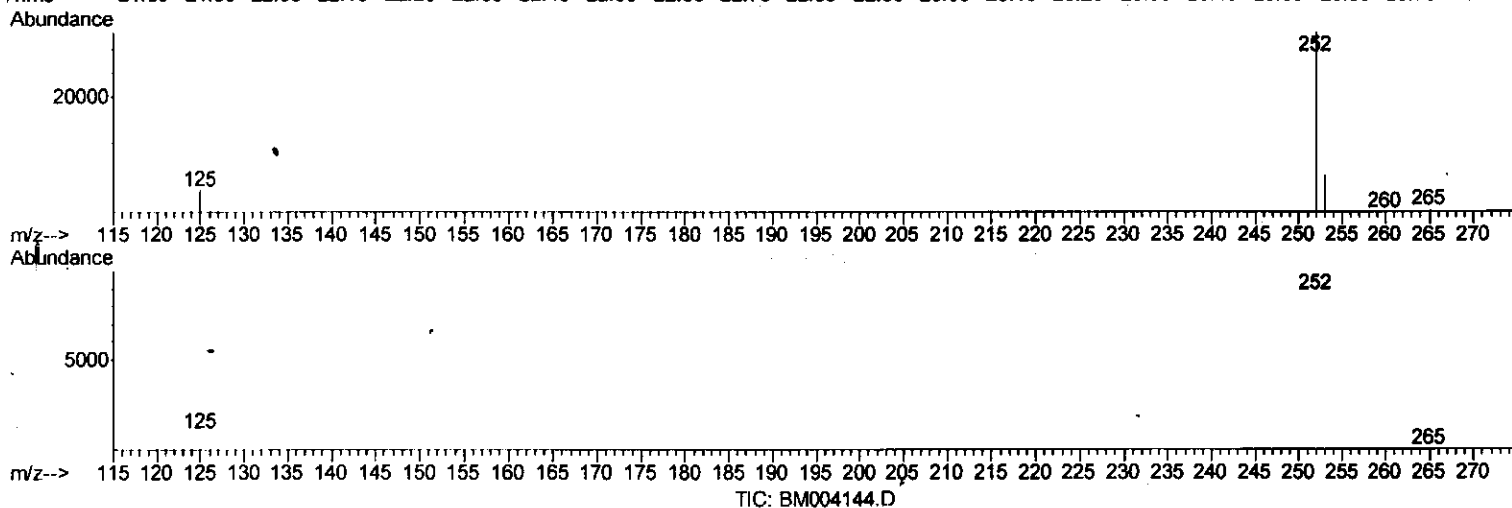
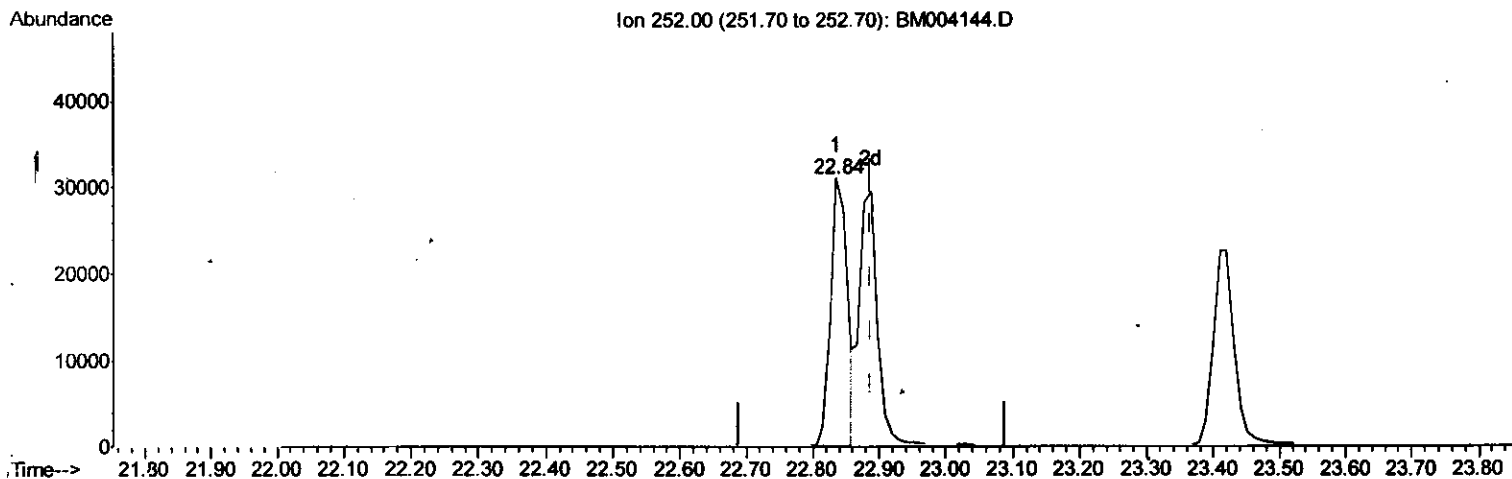
Ion	Exp%	Act%
264.00	100	100
260.00	25.60	27.43
265.00	38.20	28.01#
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM012916\
 Data File : BM004144.D
 Acq On : 29 Jan 2016 12:58
 Operator : SJ/IJ
 Sample : SSTDL652
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 13:44:15 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:08:00 2016
 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

22.836min (-0.052) 1.66ng/ui

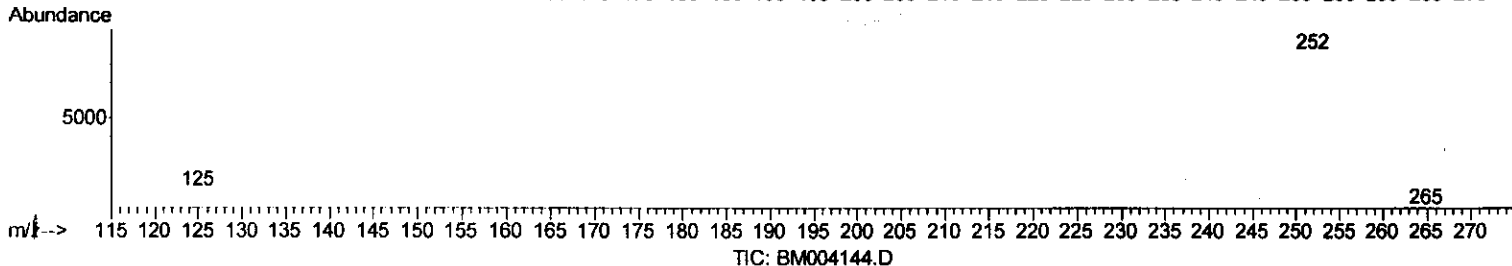
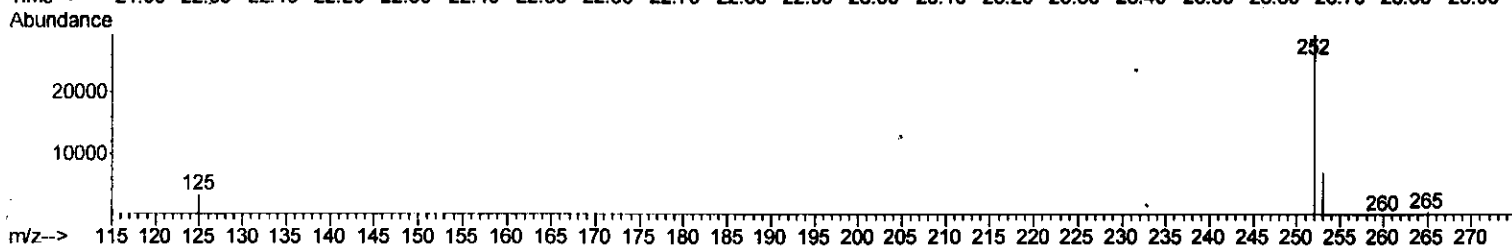
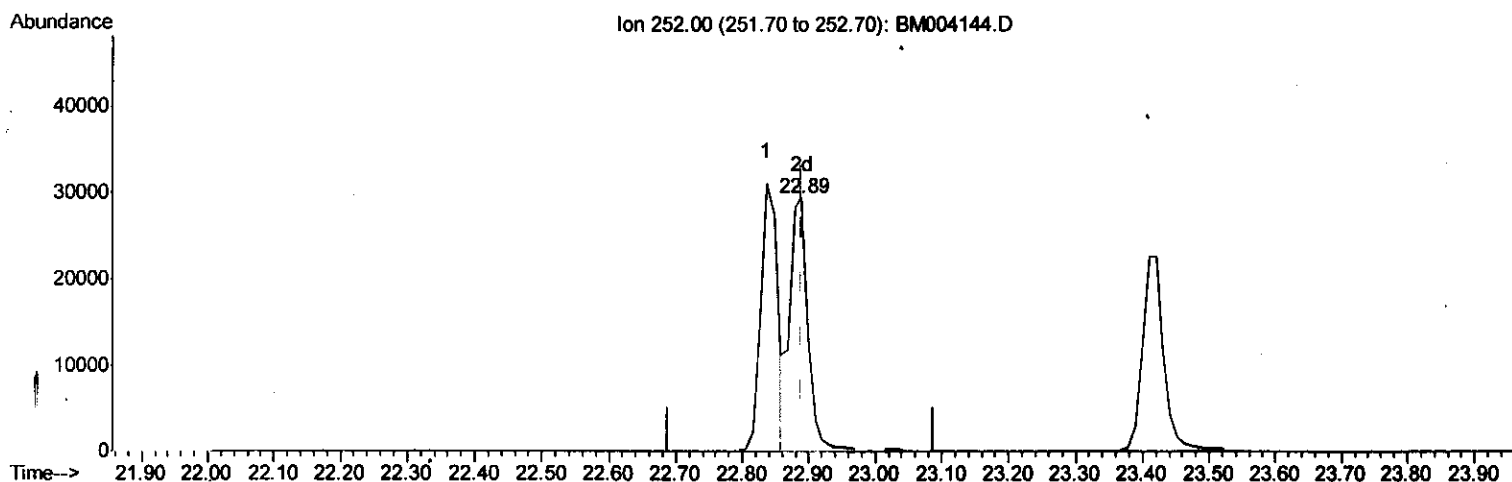
response 53525

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	20.91
125.00	13.00	12.36
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012916\
 Data File : BM004144.D
 Acq On : 29 Jan 2016 12:58
 Operator : SJ/IZ
 Sample : SSTD1.652
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 13:44:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:08:00 2016
 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

22.888min (-0.000) 1.75ng/ul m

response 56256

Ion Exp% Act%

252.00 100 100

253.00 24.80 23.25

125.00 13.00 10.88

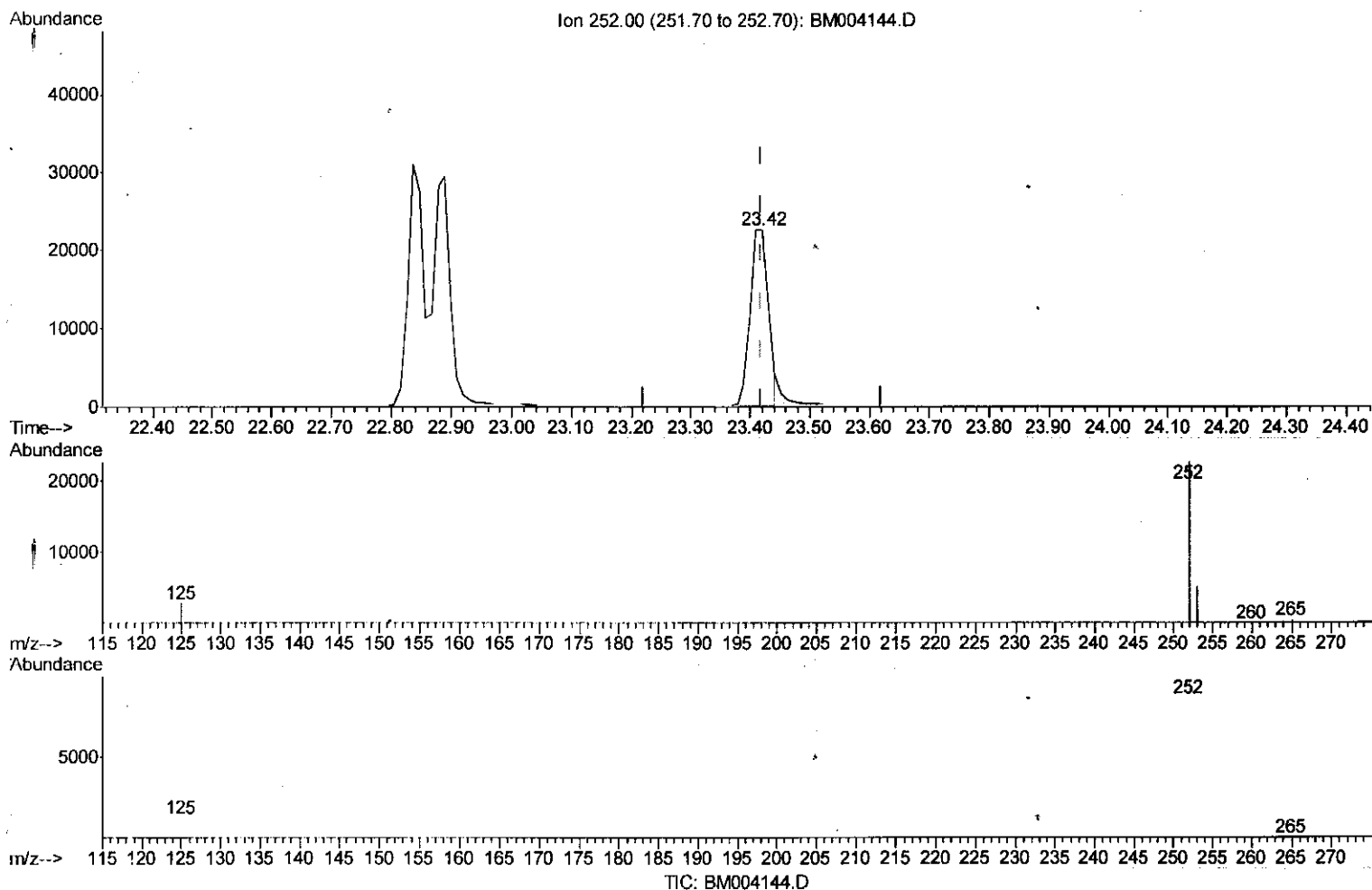
0.00 0.00 0.00

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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012916\
 Data File : BM004144.D
 Acq On : 29 Jan 2016 12:58
 Operator : SJ/IZ
 Sample : SSTD1.652
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 13:44:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:08:00 2016
 Response via : Initial Calibration



(25) Benzo(a)pyrene (C)

23.420min (-0.000) 1.58ng/ul

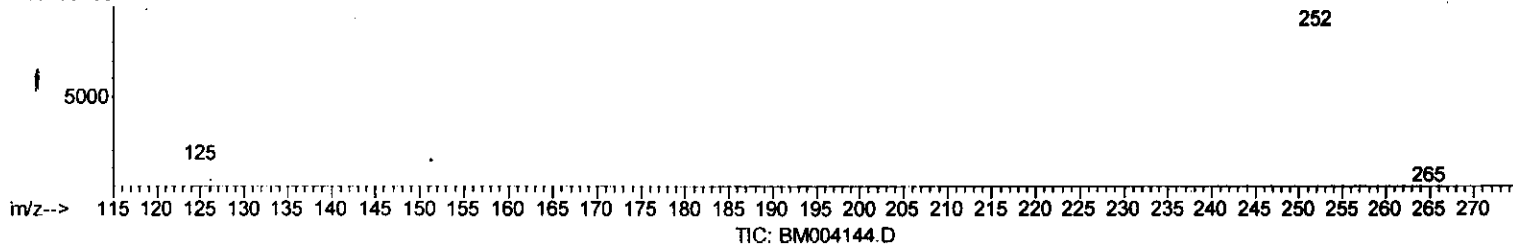
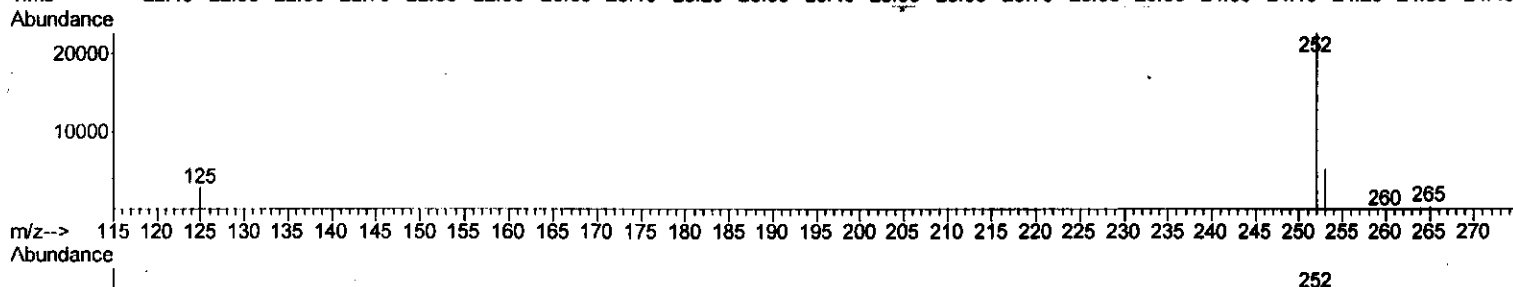
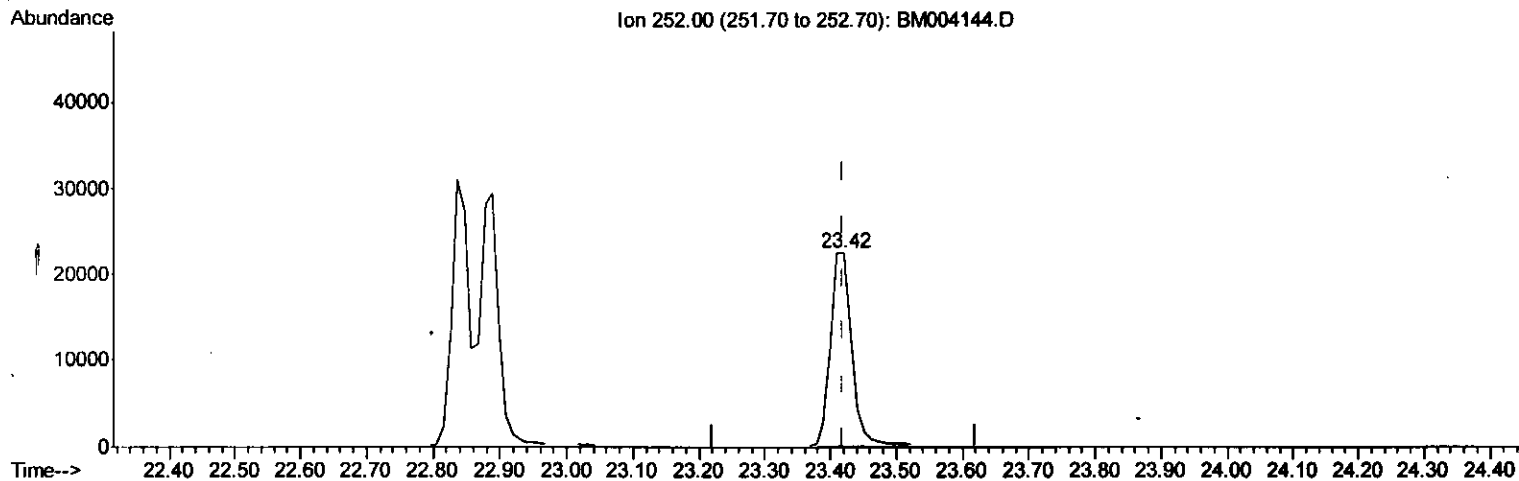
response 47468

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	23.06
125.00	15.90	12.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012916\
 Data File : BM004144.D
 Acq On : 29 Jan 2016 12:58
 Operator : SJ/IZ
 Sample : SSTDL652
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 13:44:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Fri Jan 29 12:08:00 2016
 Response via : Initial Calibration



(25) Benzo(a)pyrene (C)

23.420min (-0.000) 1.67ng/ul m

response 49914

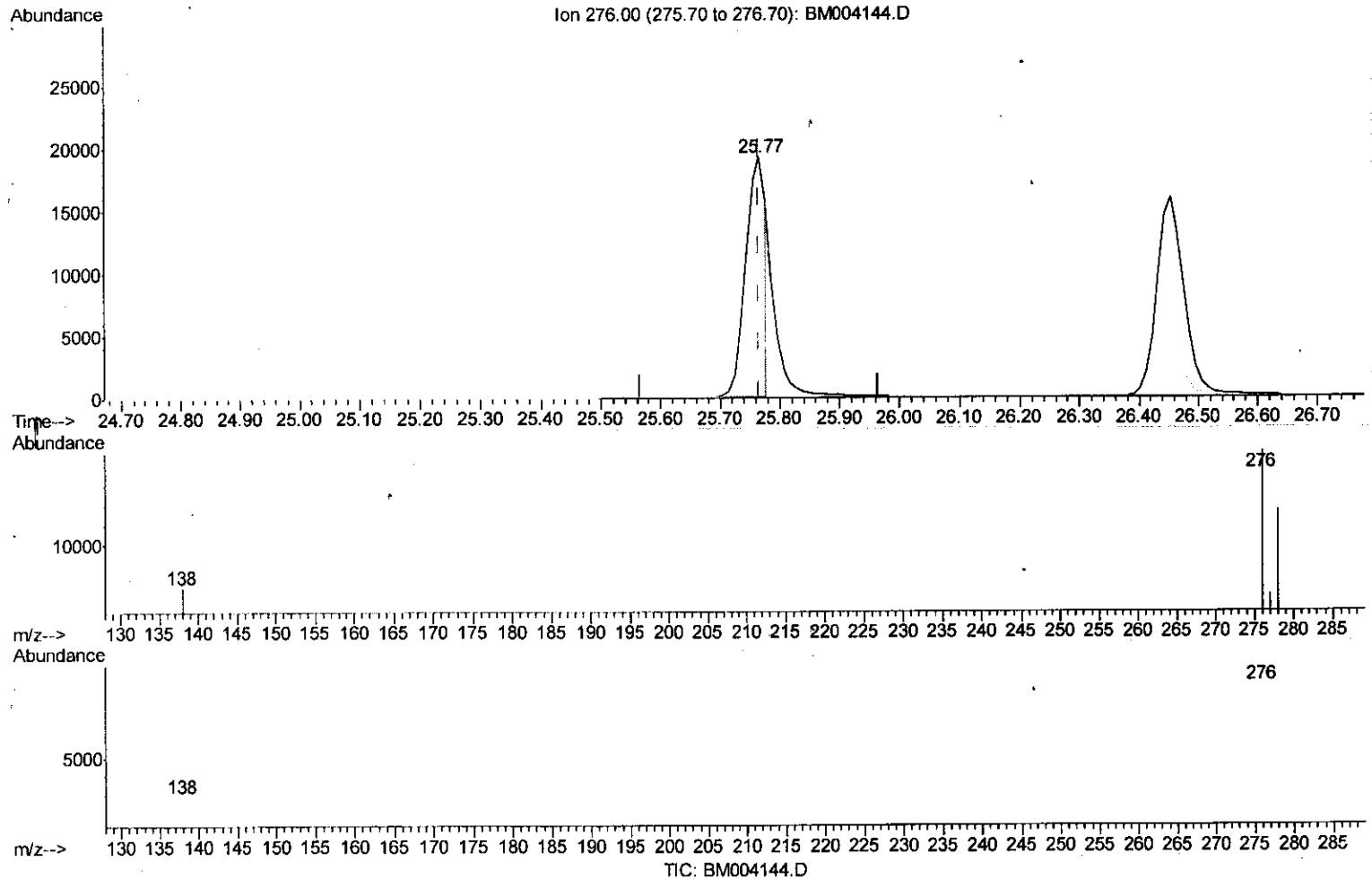
Ion	Exp%	Act%
252.00	100	100
253.00	24.30	23.06
125.00	15.90	12.32#
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012916\
 Data File : BM004144.D
 Acq On : 29 Jan 2016 12:58
 Operator : SJ/IZ
 Sample : SSTDL652
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 13:44:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:08:00 2016
 Response via : Initial Calibration



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

25.766min (-0.000) 1.29ng/ul

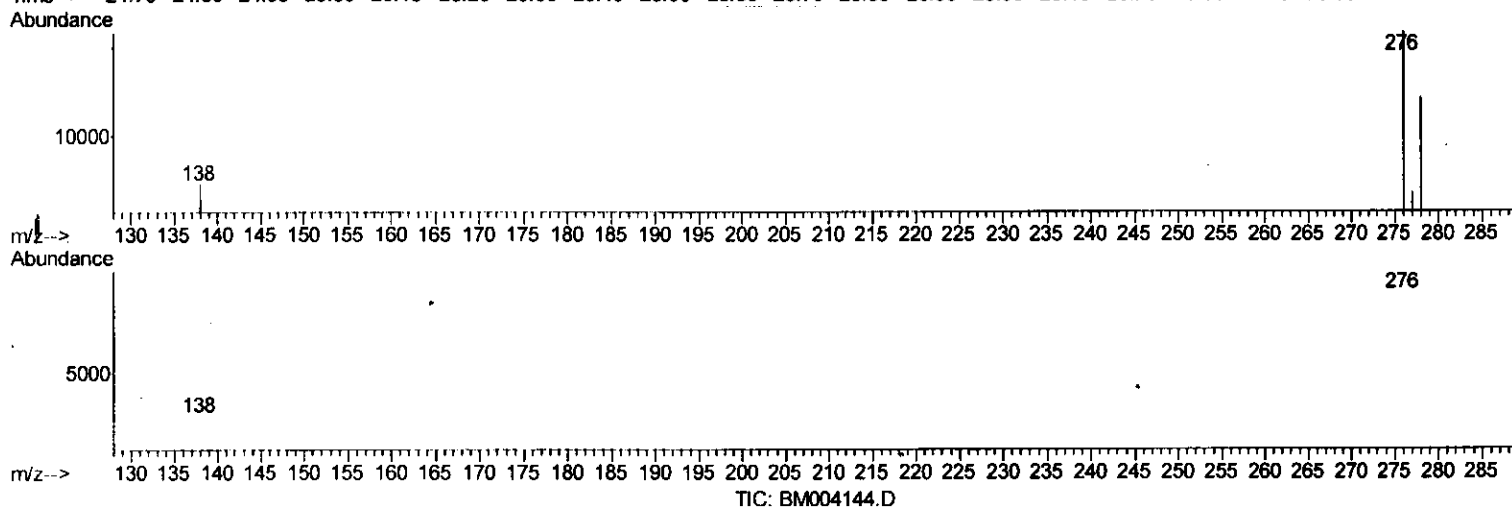
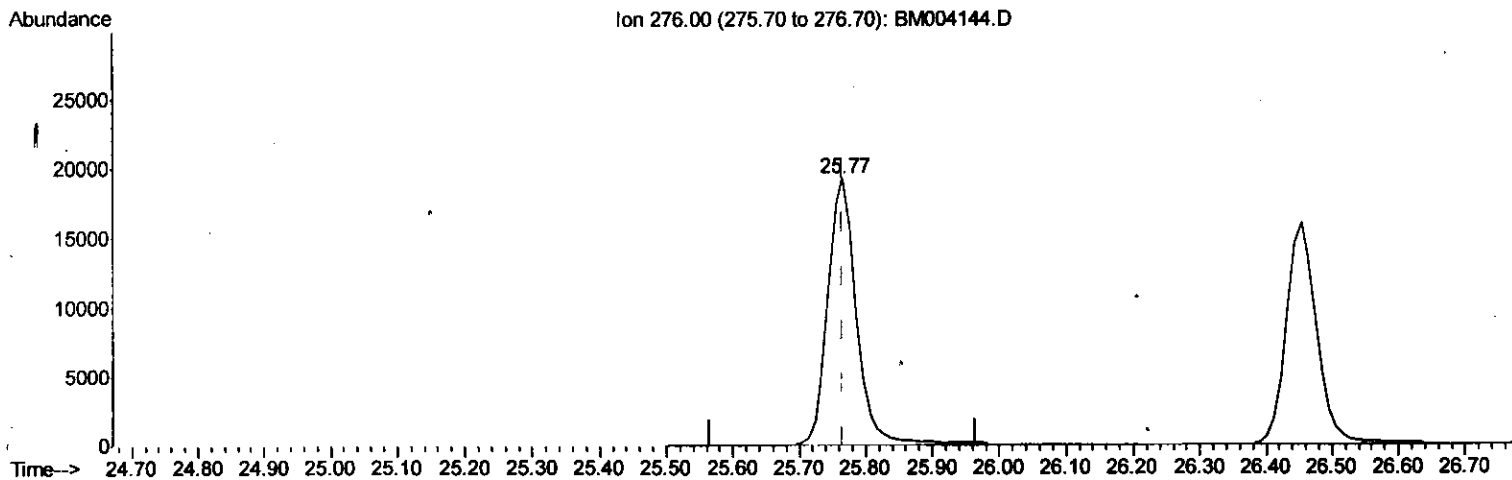
response 44838

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	30.37#
277.00	24.80	23.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012916\
 Data File : BM004144.D
 Acq On : 29 Jan 2016 12:58
 Operator : SJ/IZ
 Sample : SSTDL1.652
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 13:44:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Fri Jan 29 12:08:00 2016
 Response via : Initial Calibration



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

25.766min (-0.000) 1.66ng/ul m

response 57599

Ion Exp% Act%

276.00 100 100

138.00 20.40 23.64

277.00 24.80 18.55#

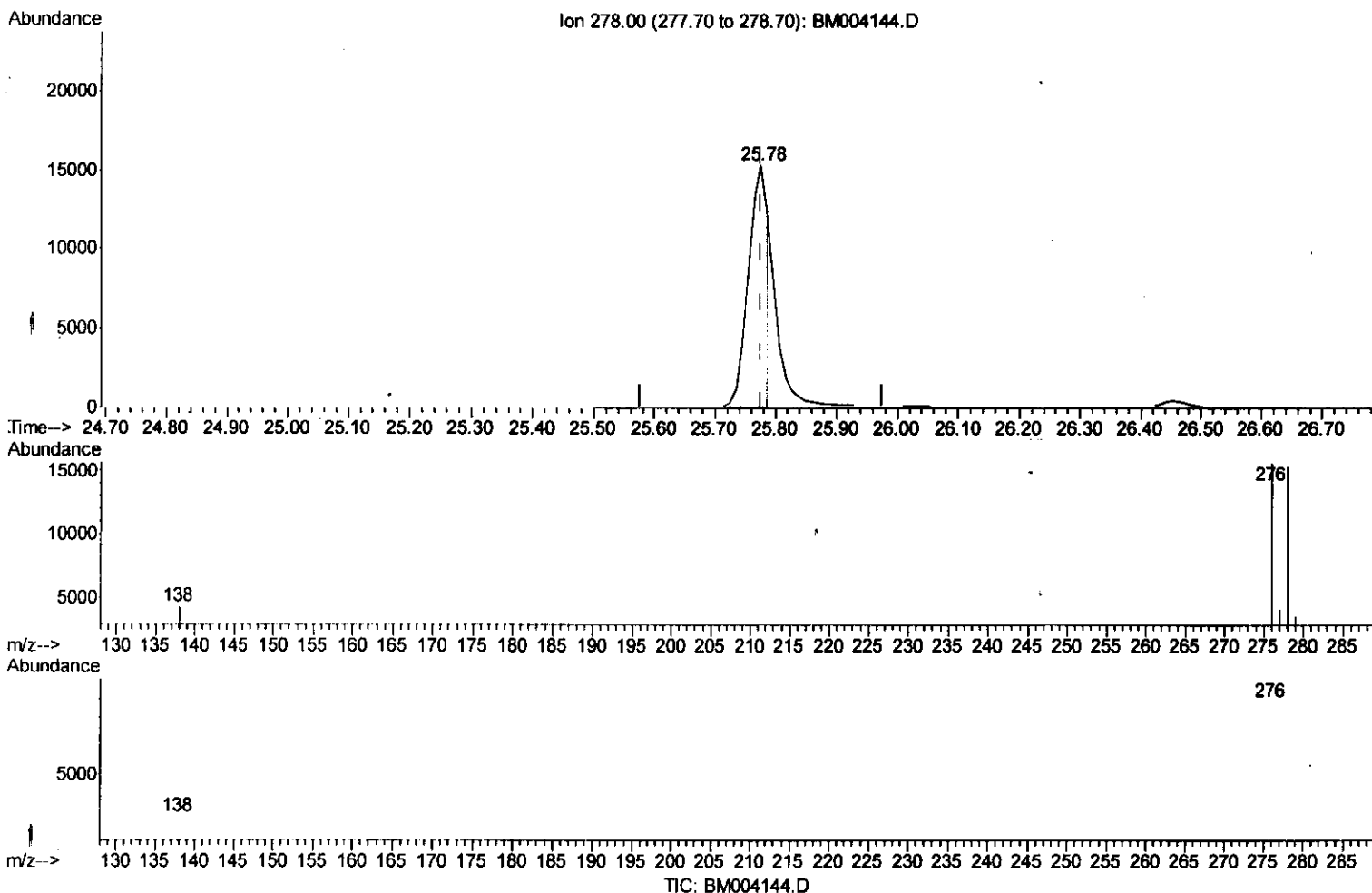
0.00 0.00 0.00

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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\RNA_M\Data\BM012916\
 Data File : BM004144.D
 Acq On : 29 Jan 2016 12:58
 Operator : SJ/EZ
 Sample : SSTDL.652
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 13:44:15 2016
 Quant Method : Z:\HPCHEM1\RNA_M\METHODS\SOM-EPA-SIM-BM012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:08:00 2016
 Response via : Initial Calibration



(27) Dibenzo(a,h)anthracene

25.776min (-0.000) 1.23ng/ul

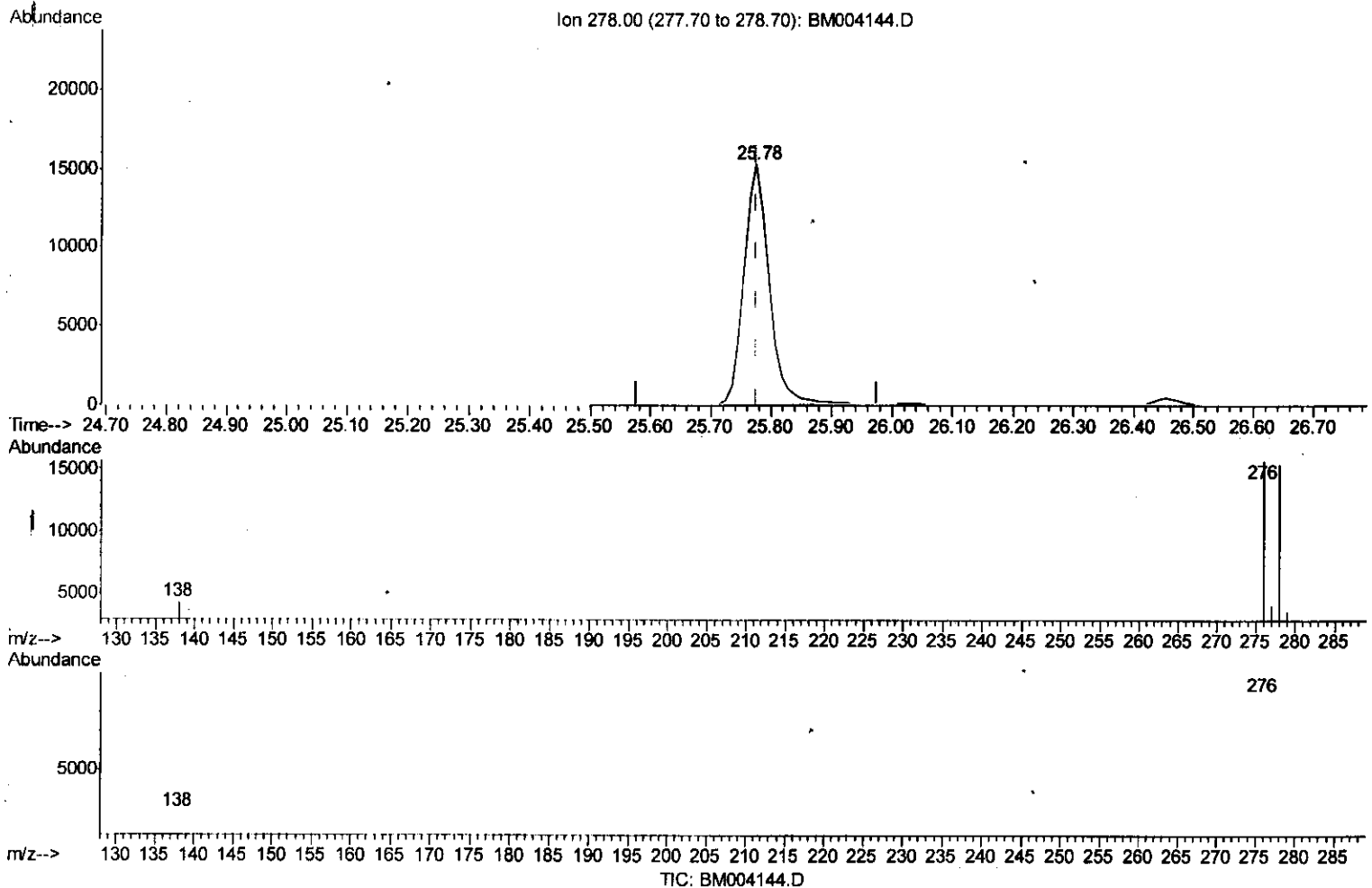
response 34324

Ion	Exp%	Act%
278.00	100	100
139.00	20.50	19.03
279.00	25.20	23.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012916\
 Data File : BM004144.D
 Acq On : 29 Jan 2016 12:58
 Operator : SJ/LZ
 Sample : SSTDL652
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 13:44:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:08:00 2016
 Response via : Initial Calibration



(27) Dibenzo(a,h)anthracene

25.776min (-0.000) 1.60ng/ul m

response 44847

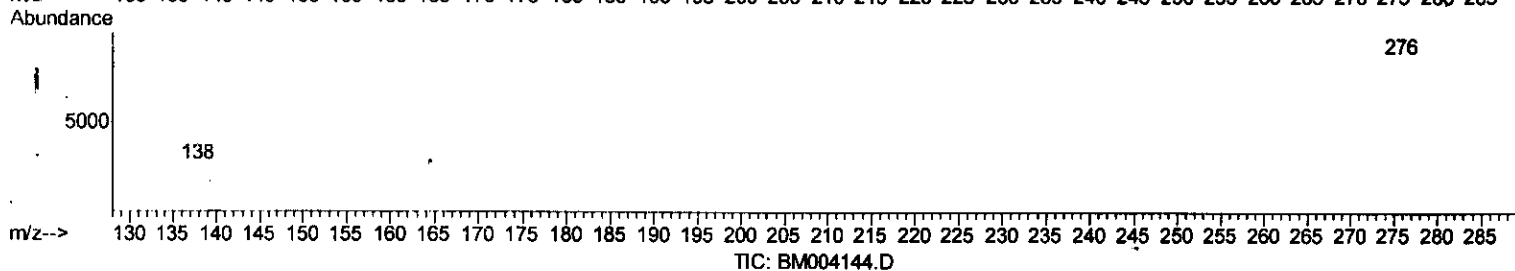
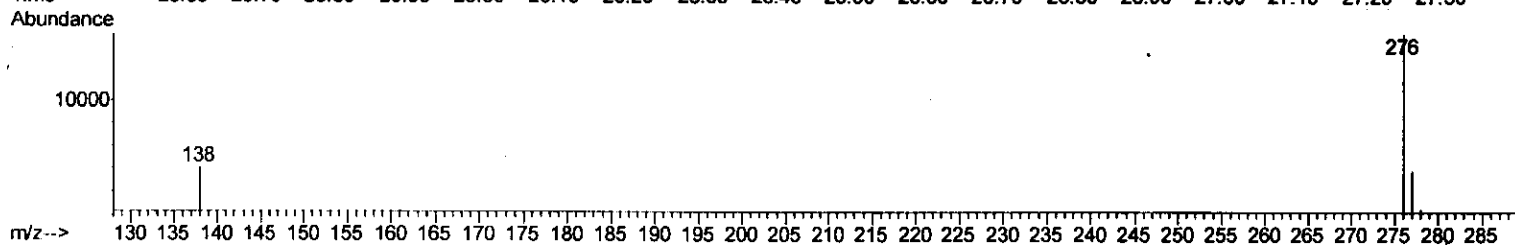
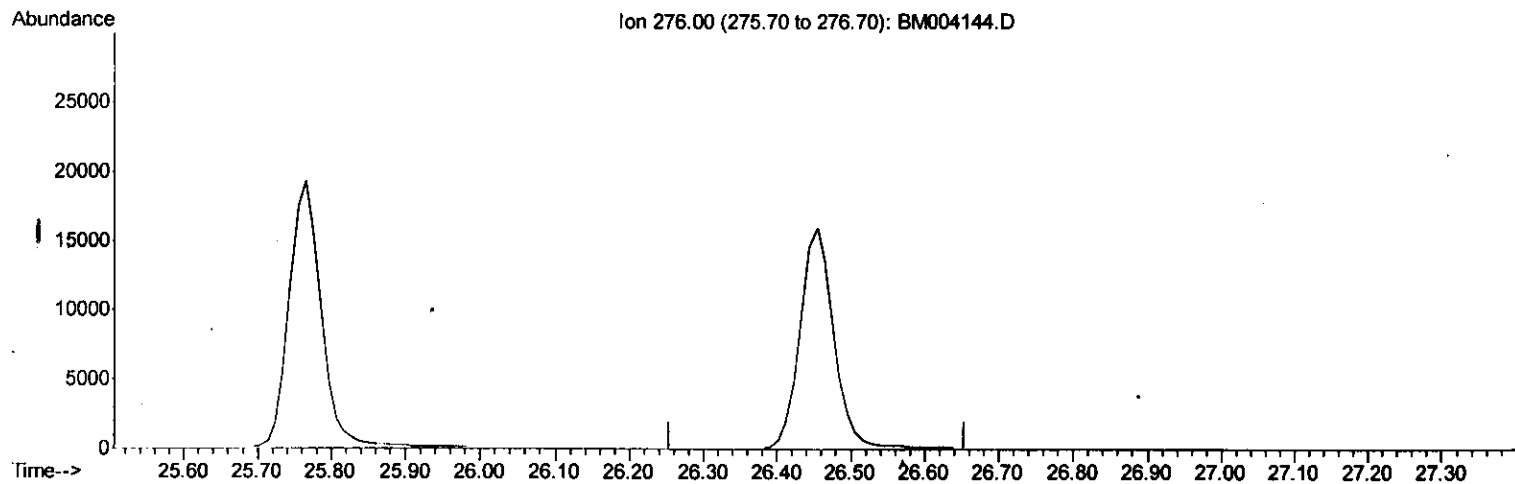
Ion	Exp%	Act%
278.00	100	100
139.00	20.50	19.03
279.00	25.20	23.78
0.00	0.00	0.00

S.J
1/30/16

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012916\
 Data File : BM004144.D
 Acq On : 29 Jan 2016 12:58
 Operator : SJ/IZ
 Sample : SST01.652
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 13:44:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:08:00 2016
 Response via : Initial Calibration



(28) Benzo(g,h,i)perylene

26.454min (-26.454) 0.00ng/ul

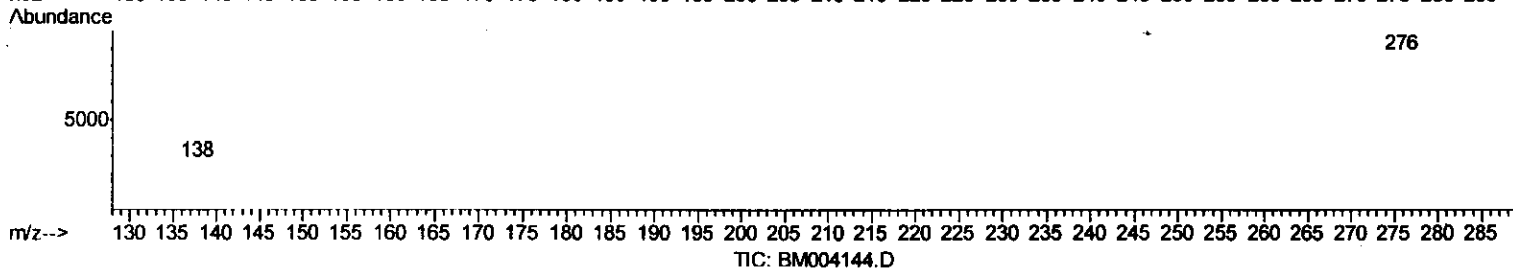
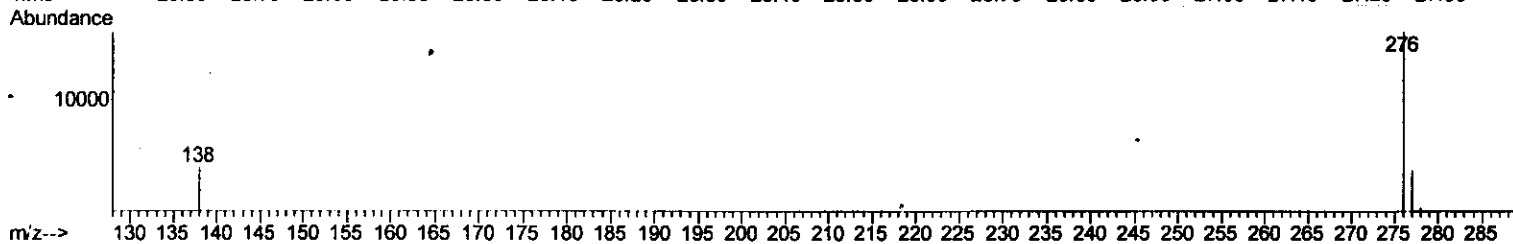
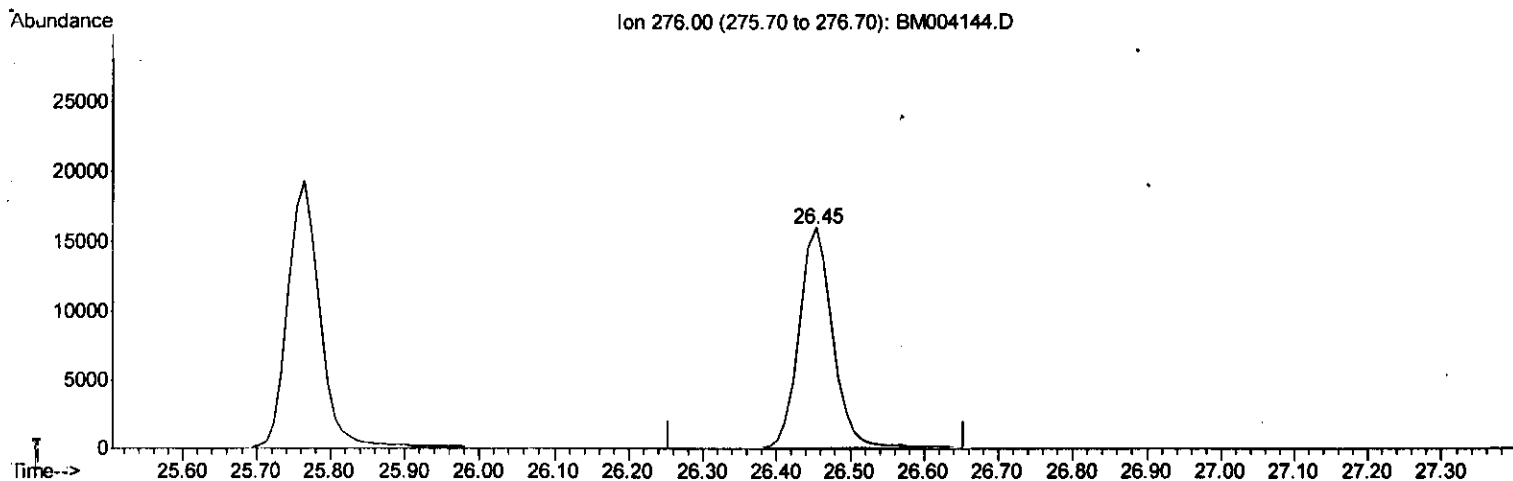
response 0

Ion	Exp%	Act%
276.00	100	0.00
277.00	23.60	0.00#
138.00	28.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012916\
 Data File : BM004144.D
 Acq On : 29 Jan 2016 12:58
 Operator : SJ/IZ
 Sample : SSTD1.652
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 13:44:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Fri Jan 29 12:08:00 2016
 Response via : Initial Calibration



(28) Benzo(g,h,i)perylene

26.454min (-0.000) 1.69ng/ul m

response 51142

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	23.61
138.00	28.10	25.28
0.00	0.00	0.00

S.J
1/30/16

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012916\
 Data File : BM004144.D
 Acq On : 29 Jan 2016 12:58
 Operator : SJ/IZ
 Sample : SST01.652
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 13:46:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:08:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1144	0.40	ng/ul	-0.02
4) Naphthalene-d8	10.45	136	5179	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.31	164	3286	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	8660	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	11438	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	10407m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.12	96	4148	8.48	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.05	152	10680	1.72	ng/ul	-0.01
16) Fluoranthene-d10	19.11	212	36369	1.98	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) 1,4-Dioxane	3.15	88	5028	8.07	ng/ul#	12
5) Naphthalene	10.50	128	19187	1.64	ng/ul	99
7) 2-Methylnaphthalene	12.12	142	14194	1.81	ng/ul	97
9) Acenaphthylene	14.02	152	19966	1.59	ng/ul	100
10) Acenaphthene	14.38	153	17161	1.70	ng/ul	100
11) Fluorene	15.38	166	21342	1.90	ng/ul	94
13) Pentachlorophenol	16.75	266	1279	1.03	ng/ul	95
14) Phenanthrene	17.11	178	38951	1.74	ng/ul	95
15) Anthracene	17.19	178	34892	1.81	ng/ul	95
17) Fluoranthene	19.14	202	51703	2.13	ng/ul	93
19) Pyrene	19.51	202	52420	1.70	ng/ul	95
20) Benzo(a)anthracene	21.26	228	48919	1.75	ng/ul	95
21) Chrysene	21.31	228	52603	1.64	ng/ul	95
23) Benzo(b)fluoranthene	22.84	252	53525	1.51	ng/ul	96
24) Benzo(k)fluoranthene	22.89	252	56256m	1.75	ng/ul	
25) Benzo(a)pyrene	23.42	252	49914m	1.67	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.77	276	57599m	1.66	ng/ul	
27) Dibenzo(a,h)anthracene	25.78	278	44847m	1.60	ng/ul	
28) Benzo(g,h,i)perylene	26.45	276	51142m	1.69	ng/ul	

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