

Quantitation Report (Qedit)

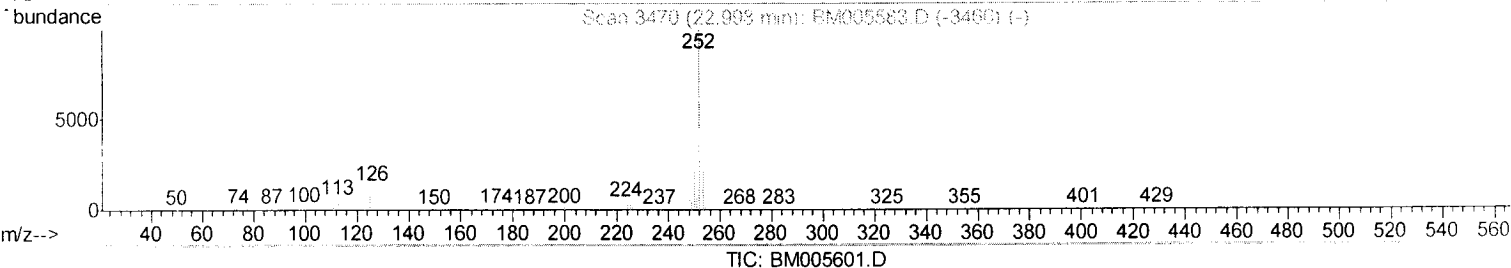
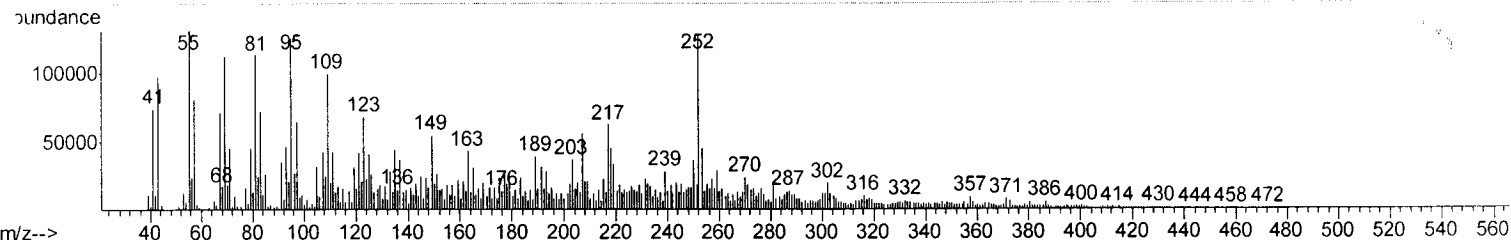
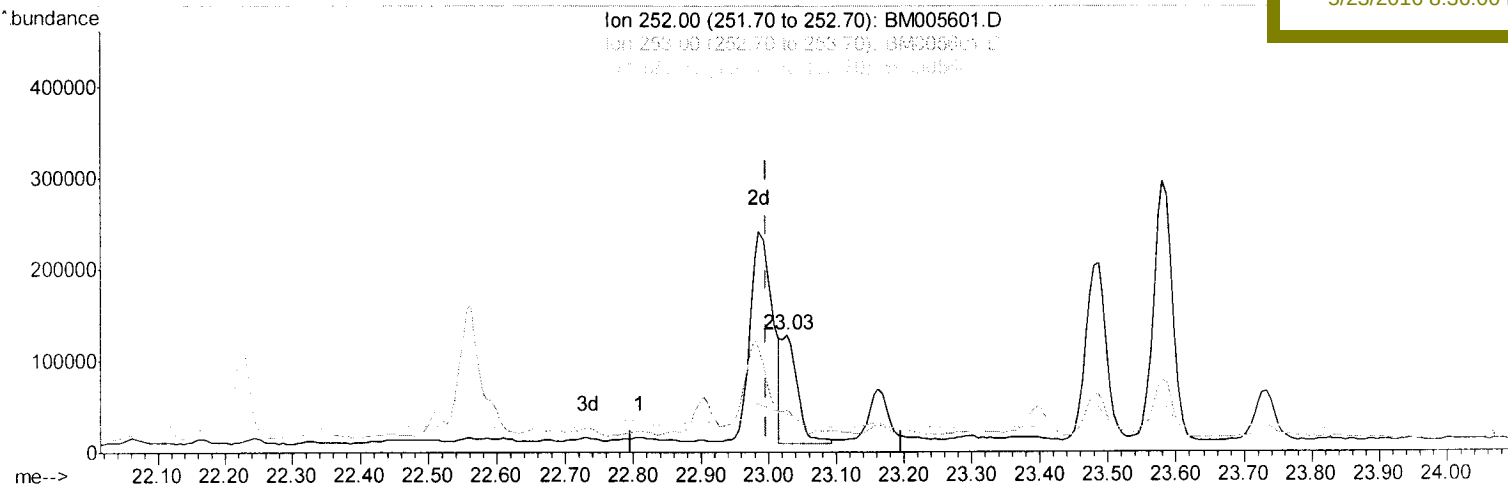
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGF9

Quant Time: May 23 07:52:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Manual Integrations
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(86) Benzo(k)fluoranthene

23.027min (+0.029) 5.65ng/ul m

response 190172

Ion Exp% Act%

252.00 100 100

253.00 21.90 35.59#

125.00 8.80 32.11#

0.00 0.00 0.00

> U.M.
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Quantitation Report (Qedit)

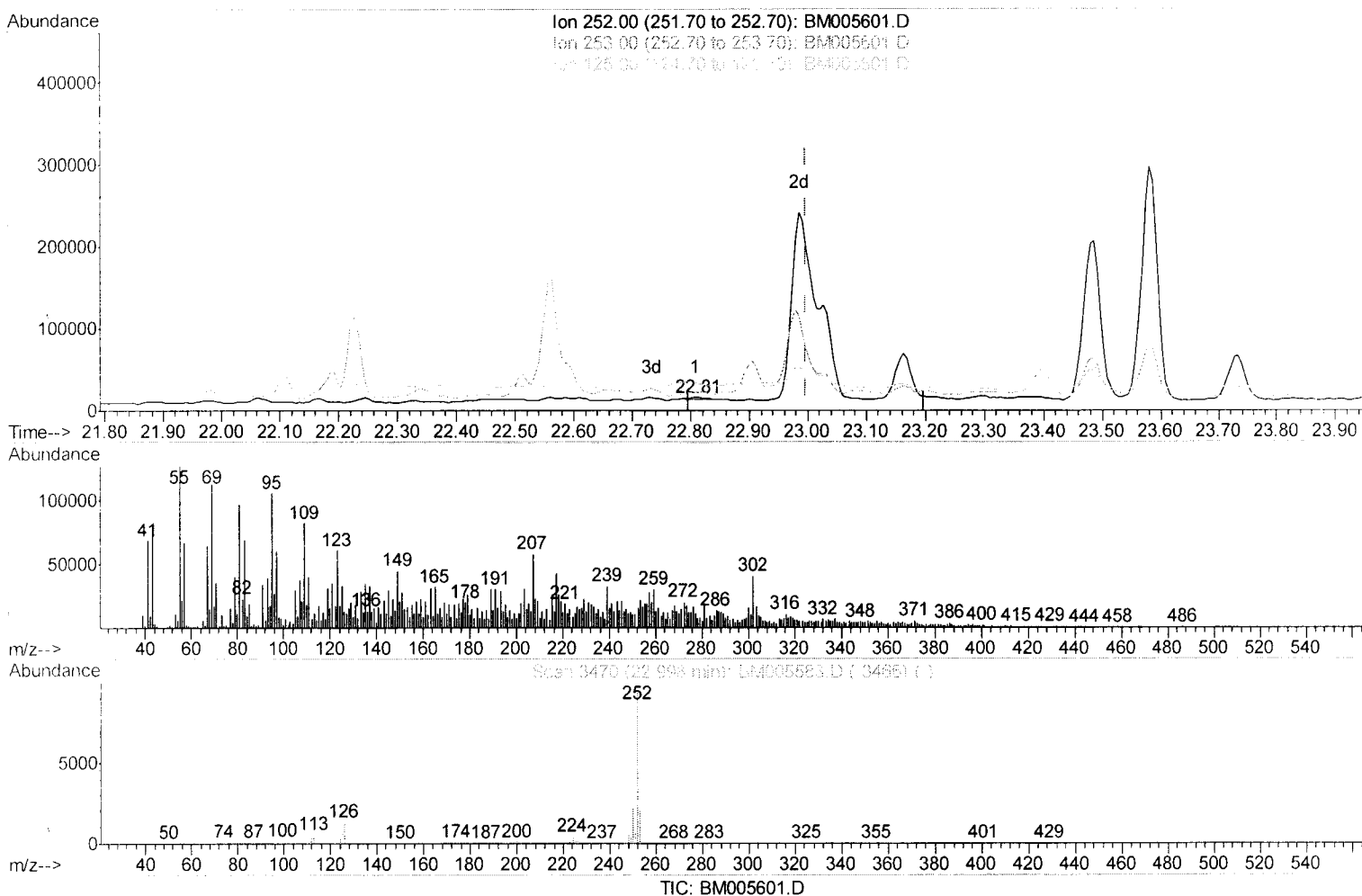
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005601.D
 Acq On : 22 May 2016 23:53
 Operator : UM/SJ
 Sample : H3124-02
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Instrument :
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 ClientSampled :
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(86) Benzo(k)fluoranthene

22.809min (-0.188) 0.20ng/ui

response 6568

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	140.03#
125.00	8.80	207.10#
0.00	0.00	0.00

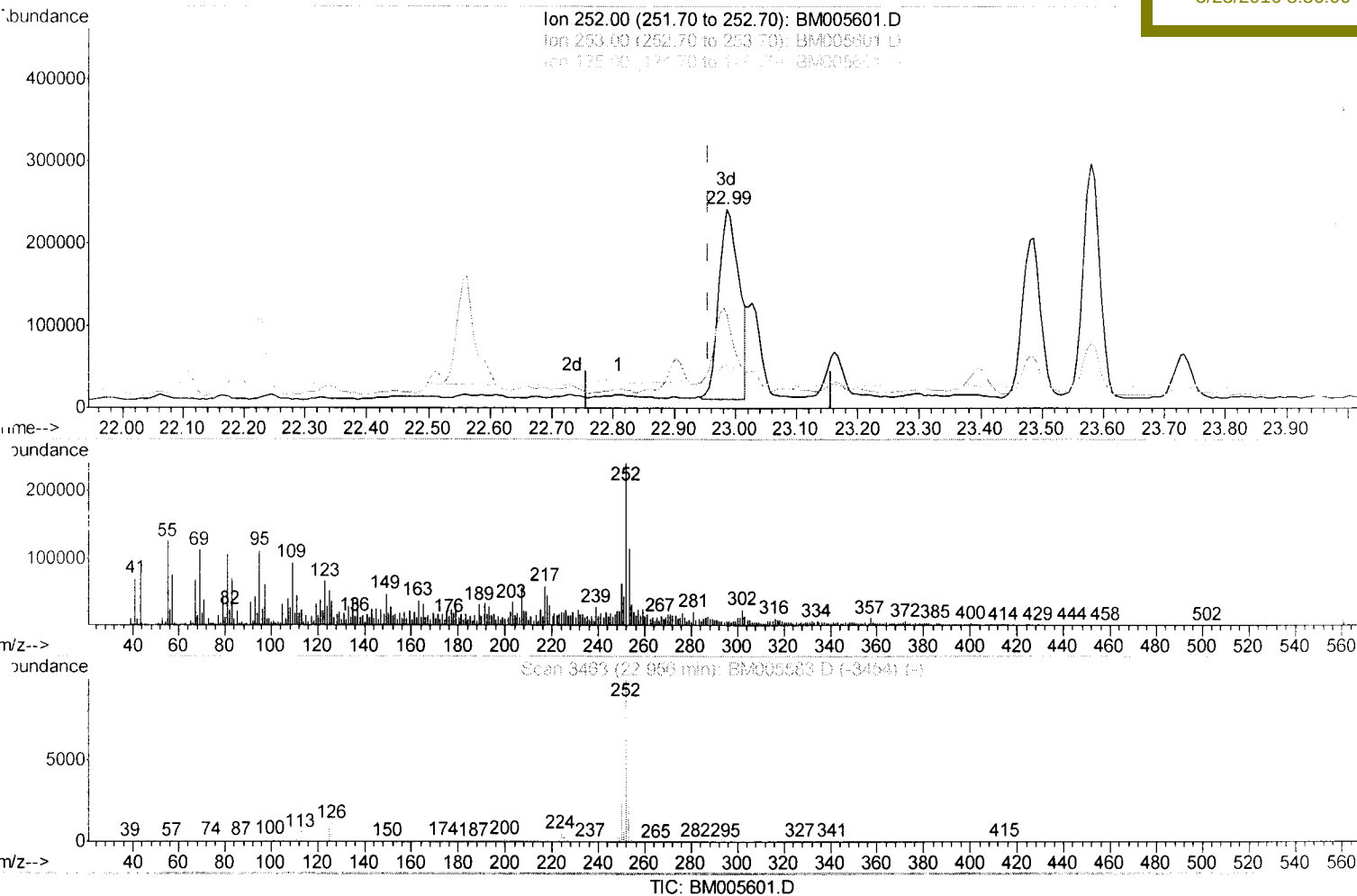
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(85) Benzo(b)fluoranthene

22.986min (+0.029) 15.03ng/ul m

response 534127

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	47.62#
125.00	8.70	21.57#
0.00	0.00	0.00

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Quantitation Report (Qedit)

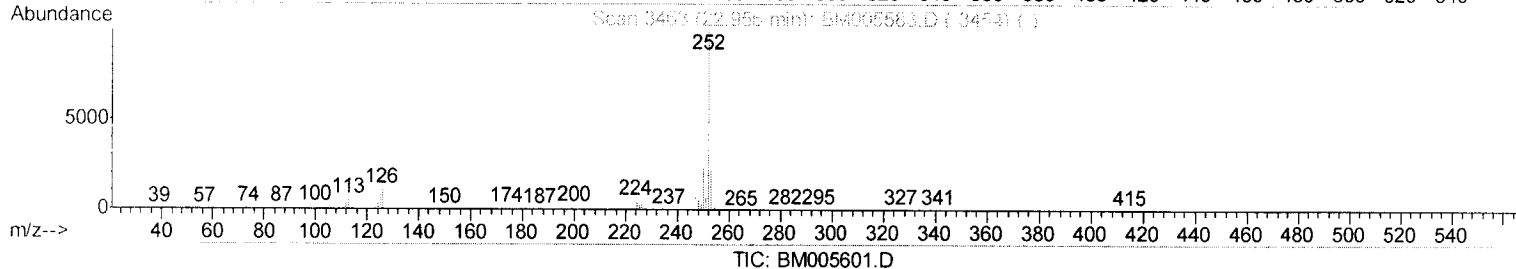
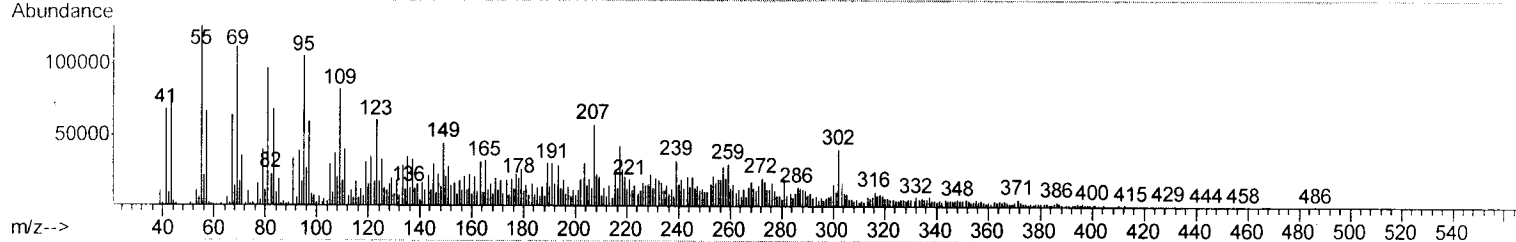
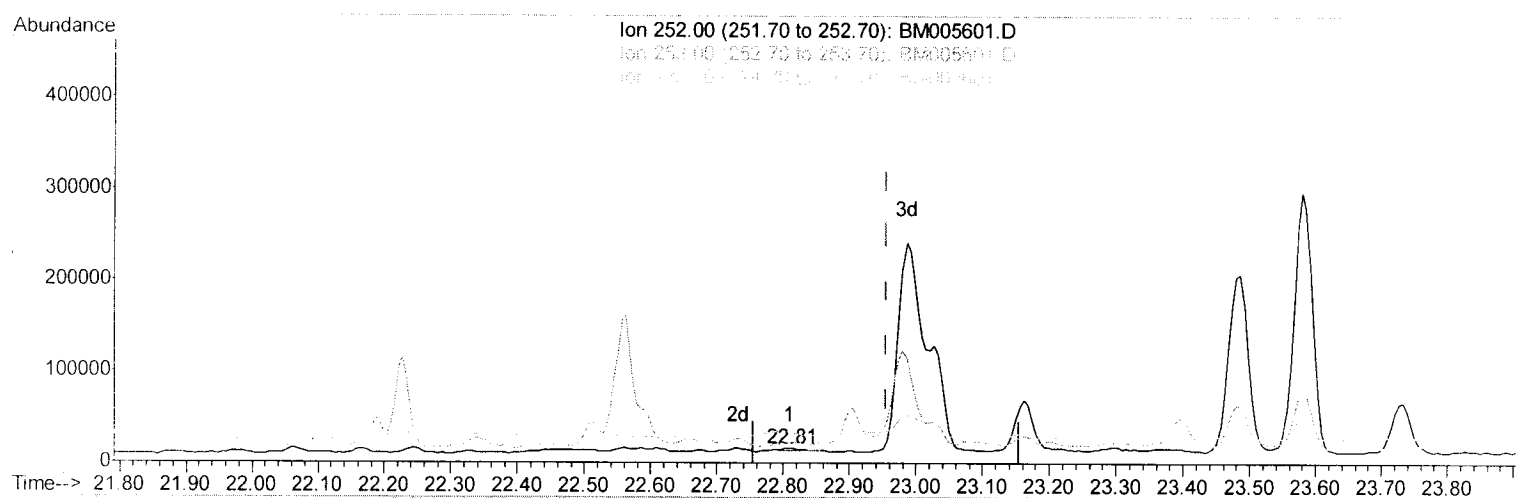
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
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 Operator : UM/SJ
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 ALS Vial : 19 Sample Multiplier: 1

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(85) Benzo(b)fluoranthene

22.809min (-0.147) 0.18ng/ul

response 6568

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	140.03#
125.00	8.70	207.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

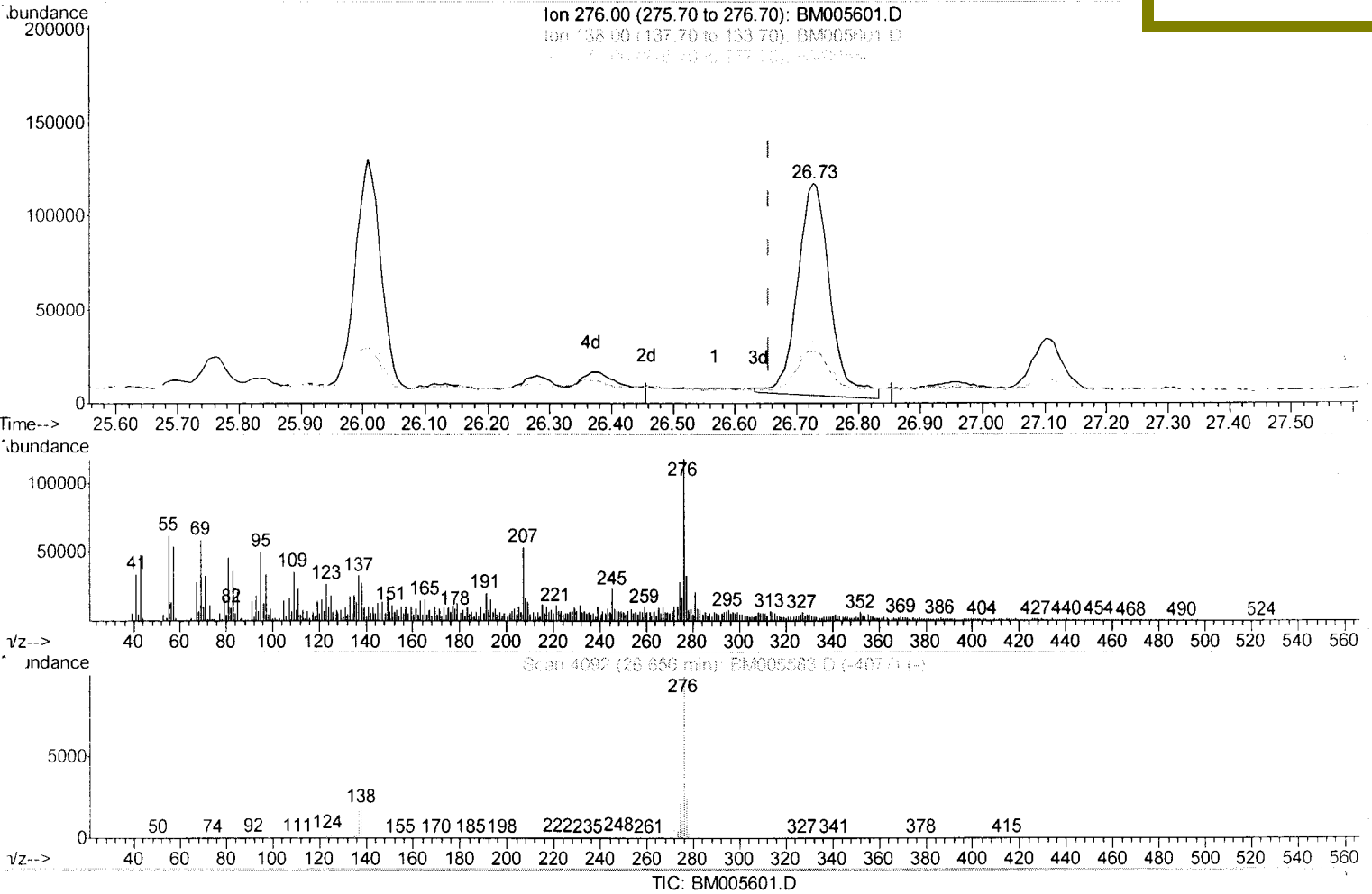
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
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(91) Benzo(g,h,i)perylene

26.727min (+0.070) 11.96ng/ul m

response 411632

Ion	Exp%	Act%
276.00	100	100
138.00	18.80	23.39#
277.00	23.30	28.46#
0.00	0.00	0.00

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Quantitation Report (Qedit)

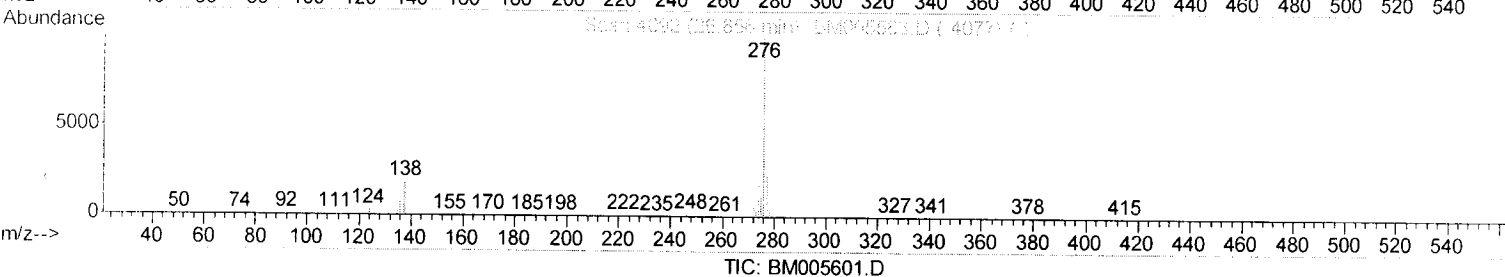
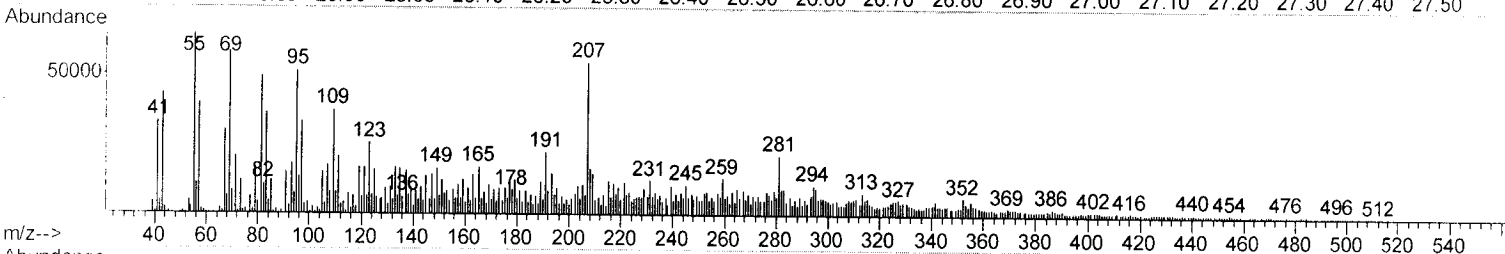
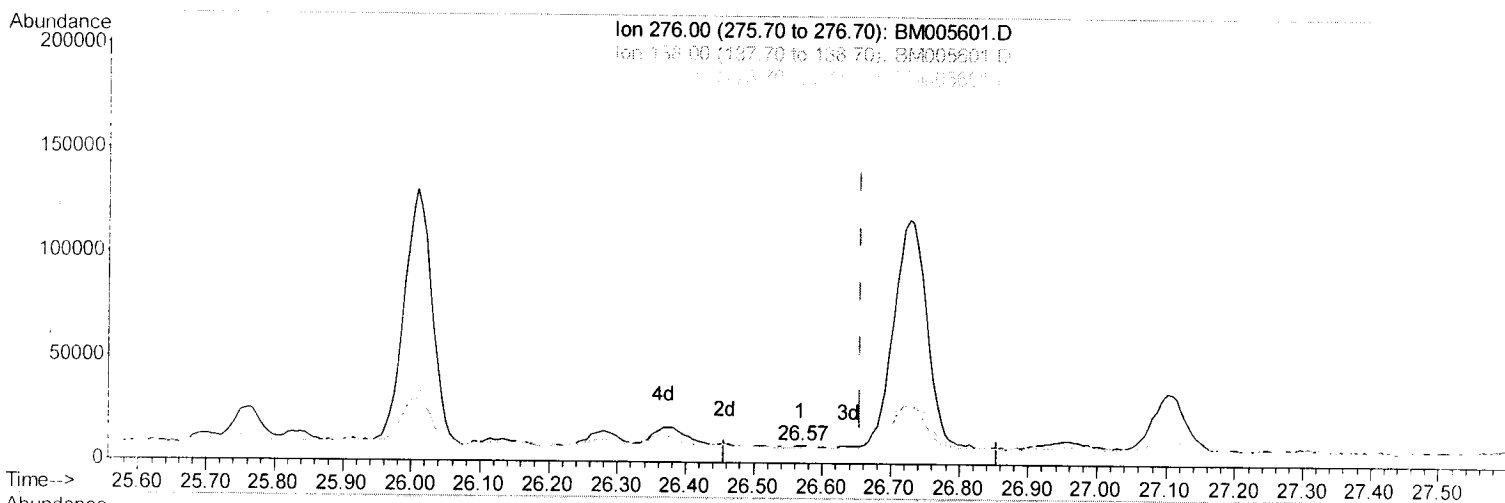
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(91) Benzo(g,h,i)perylene
 26.568min (-0.088) 0.03ng/ui

response 1154

Ion	Exp%	Act%
276.00	100	100
138.00	18.80	84.89#
277.00	23.30	90.00#
0.00	0.00	0.00

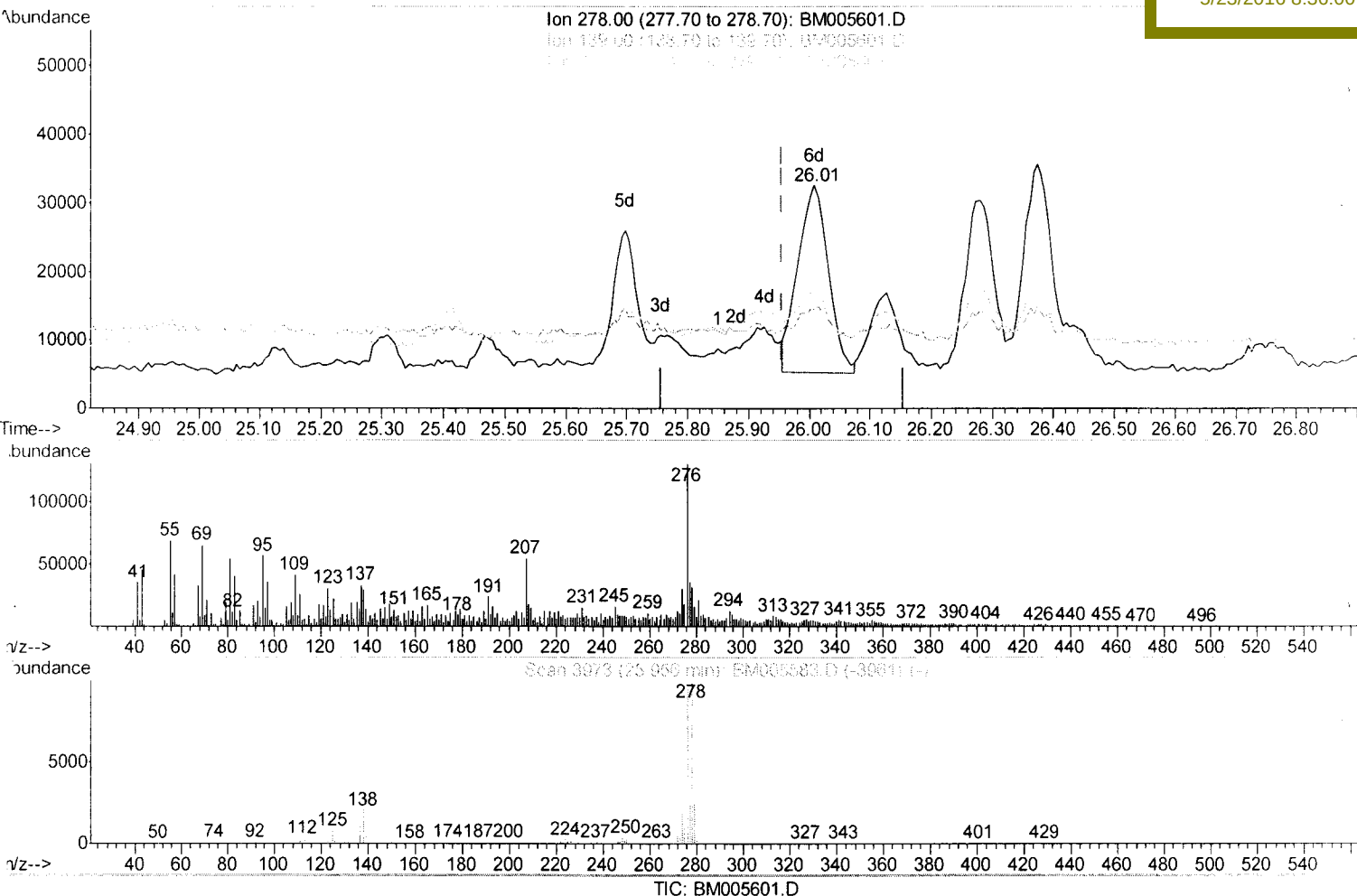
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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(90) Dibenzo(a,h)anthracene

26.009min (+0.053) 2.77ng/ul m

response 94460

Ion Exp% Act%

278.00 100 100

139.00 14.70 44.51#

279.00 24.30 51.60#

0.00 0.00 0.00

> U.M.
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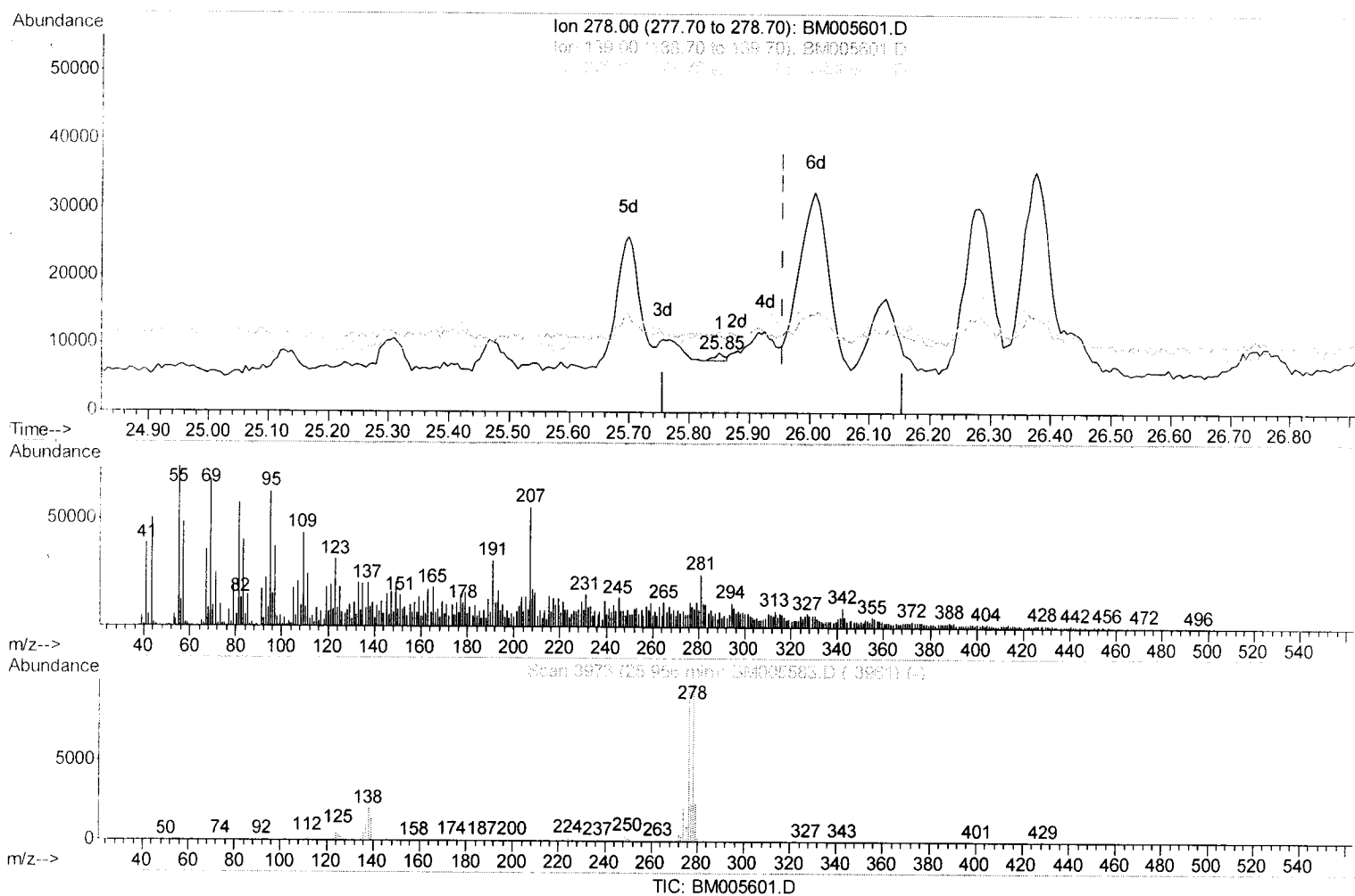
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005601.D
 Acq On : 22 May 2016 23:53
 Operator : UM/SJ
 Sample : H3124-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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(90) Dibenzo(a,h)anthracene

25.850min (-0.106) 0.04ng/ul

response 1372

Ion	Exp%	Act%
278.00	100	100
139.00	14.70	131.16#
279.00	24.30	137.08#
0.00	0.00	0.00

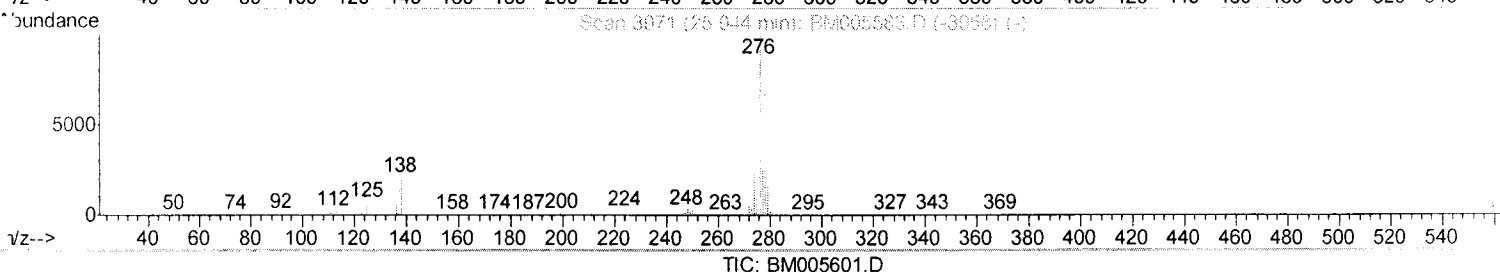
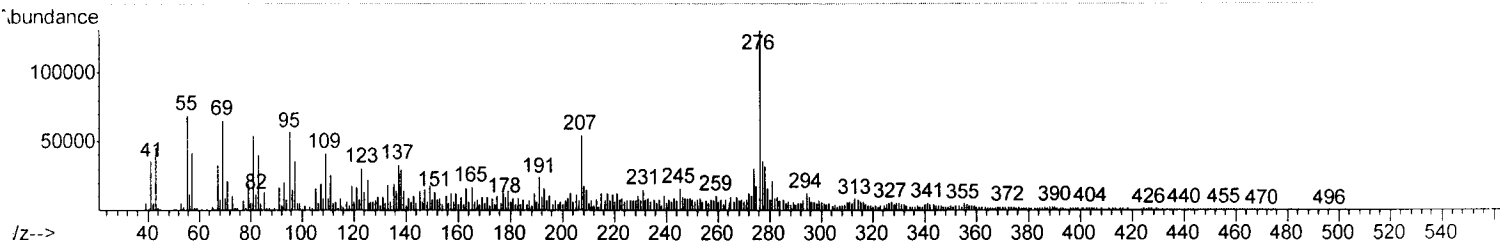
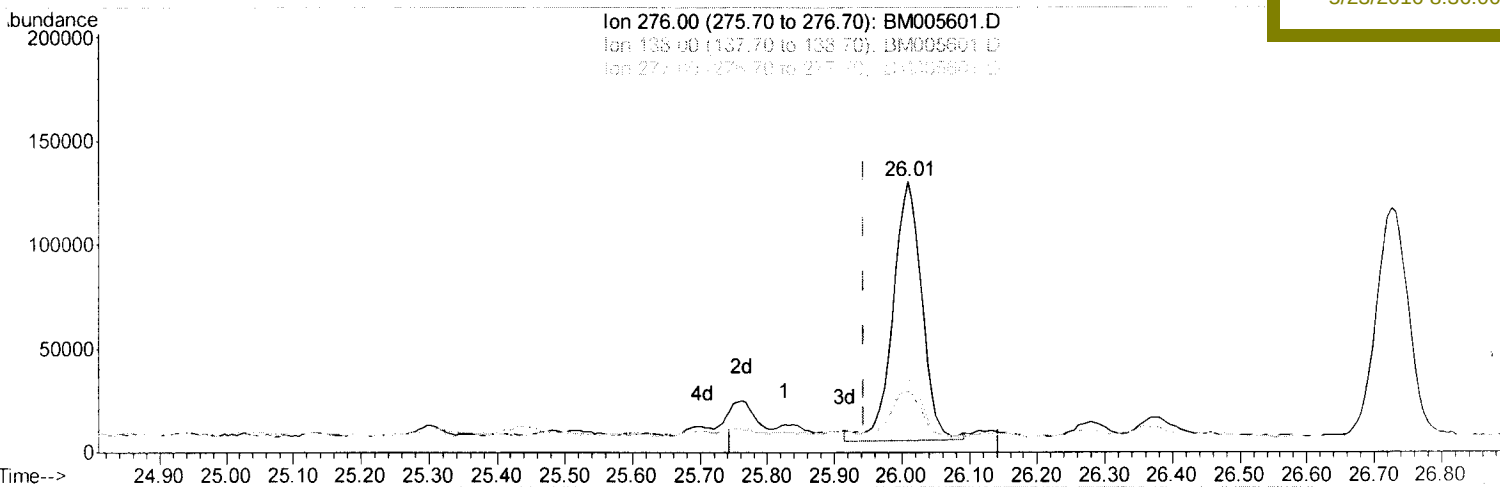
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Misc :
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(89) Indeno(1,2,3-cd)pyrene

26.009min (+0.065) 9.14ng/ul m

response 374230

Ion	Exp%	Act%
276.00	100	100
138.00	21.10	22.82
277.00	25.30	27.78
0.00	0.00	0.00

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05/25/16

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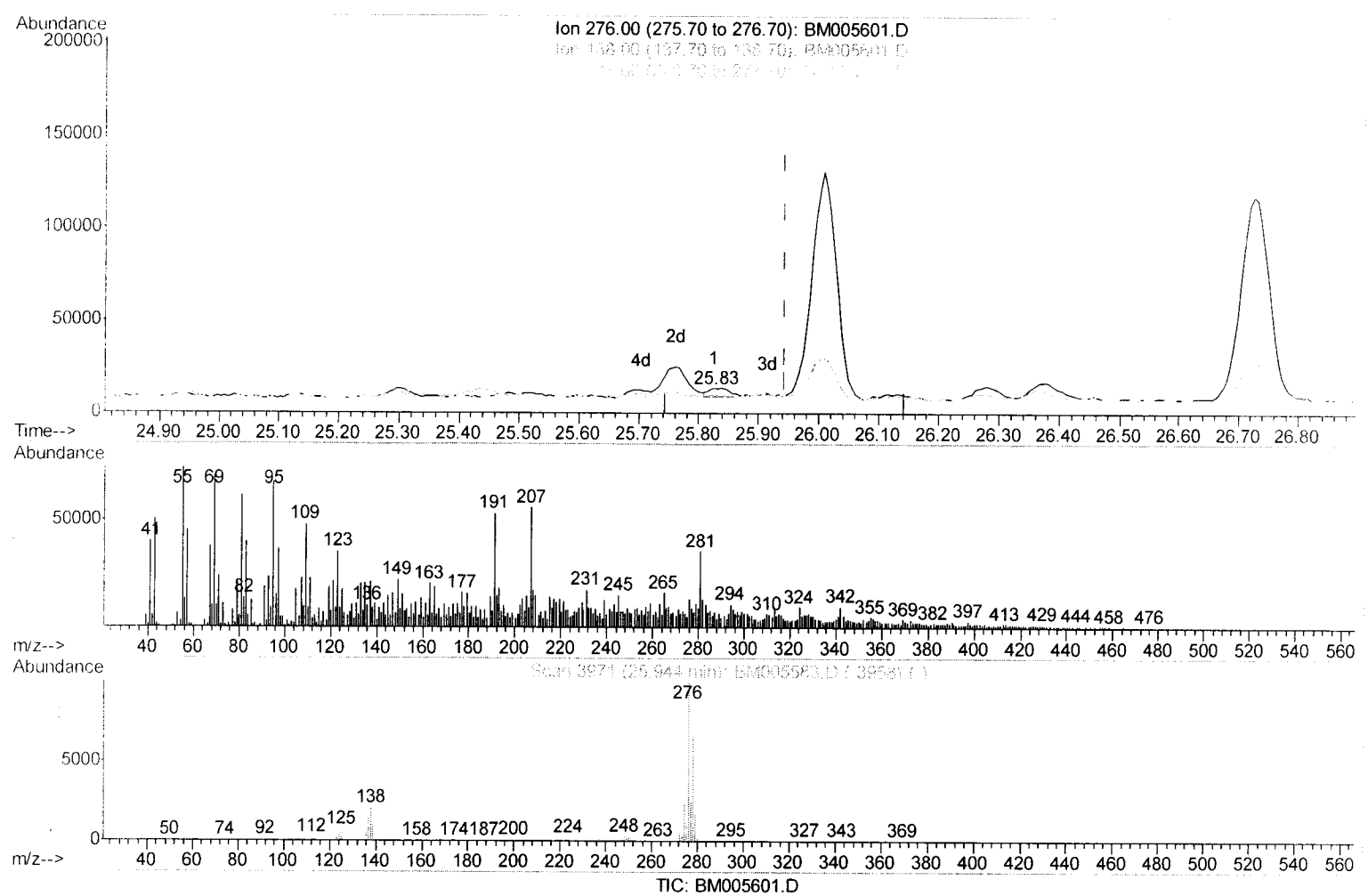
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 Data File : BM005601.D
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 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(89) Indeno(1,2,3-cd)pyrene

25.827min (-0.118) 0.28ng/ul

response 11301

Ion	Exp%	Act%
276.00	100	100
138.00	21.10	69.53#
277.00	25.30	68.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

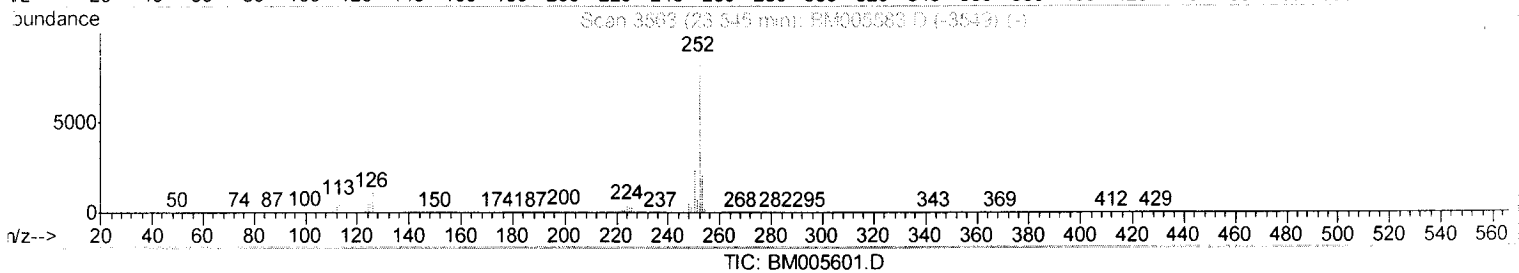
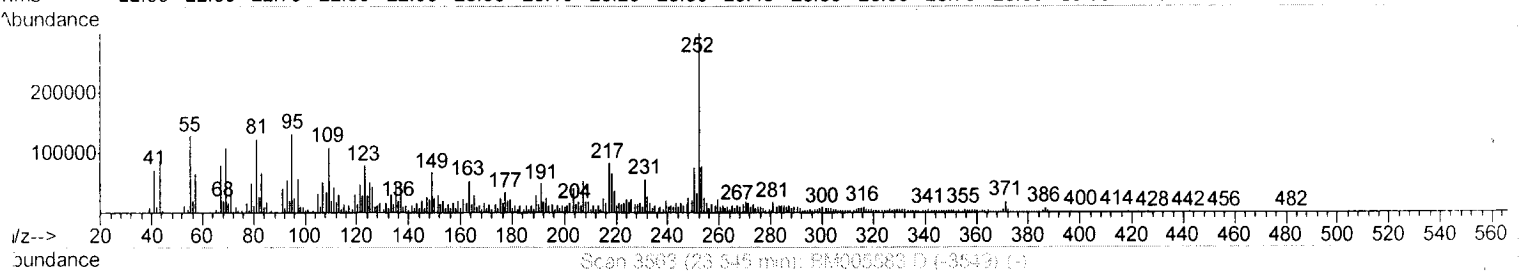
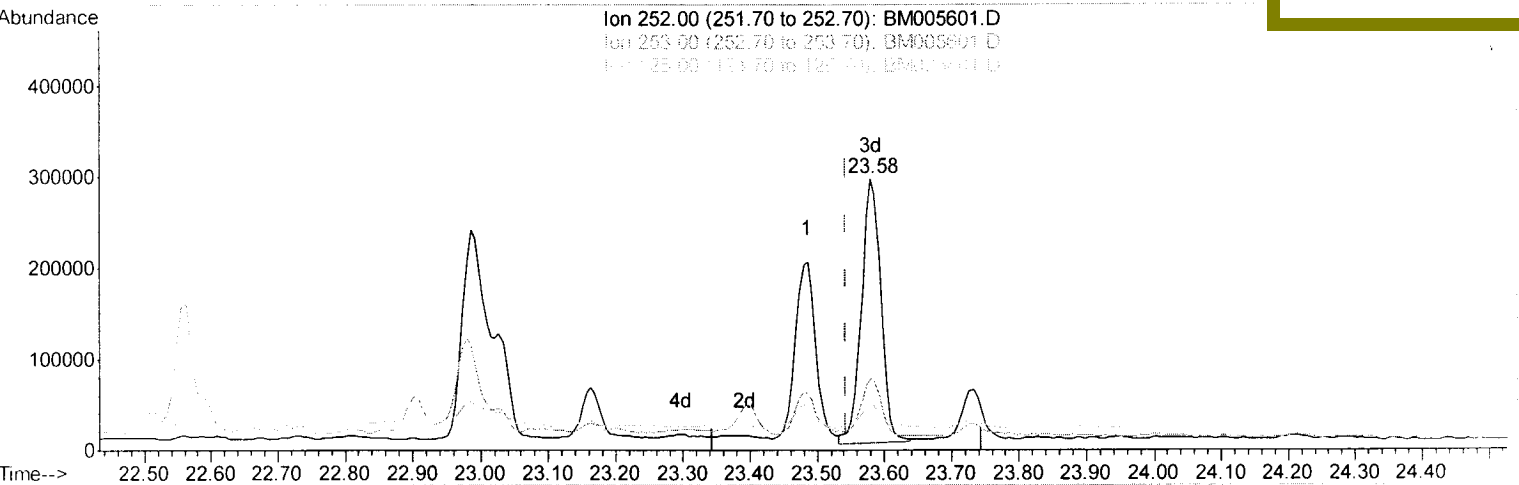
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 Acq On : 22 May 2016 23:53
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 APPROVED

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(88) Benzo(a)pyrene (C)

23.580min (+0.035) 16.72ng/ul m

response 576594

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	26.33
125.00	9.50	17.04#
0.00	0.00	0.00

U.M.
 05/25/16

Quantitation Report (Qedit)

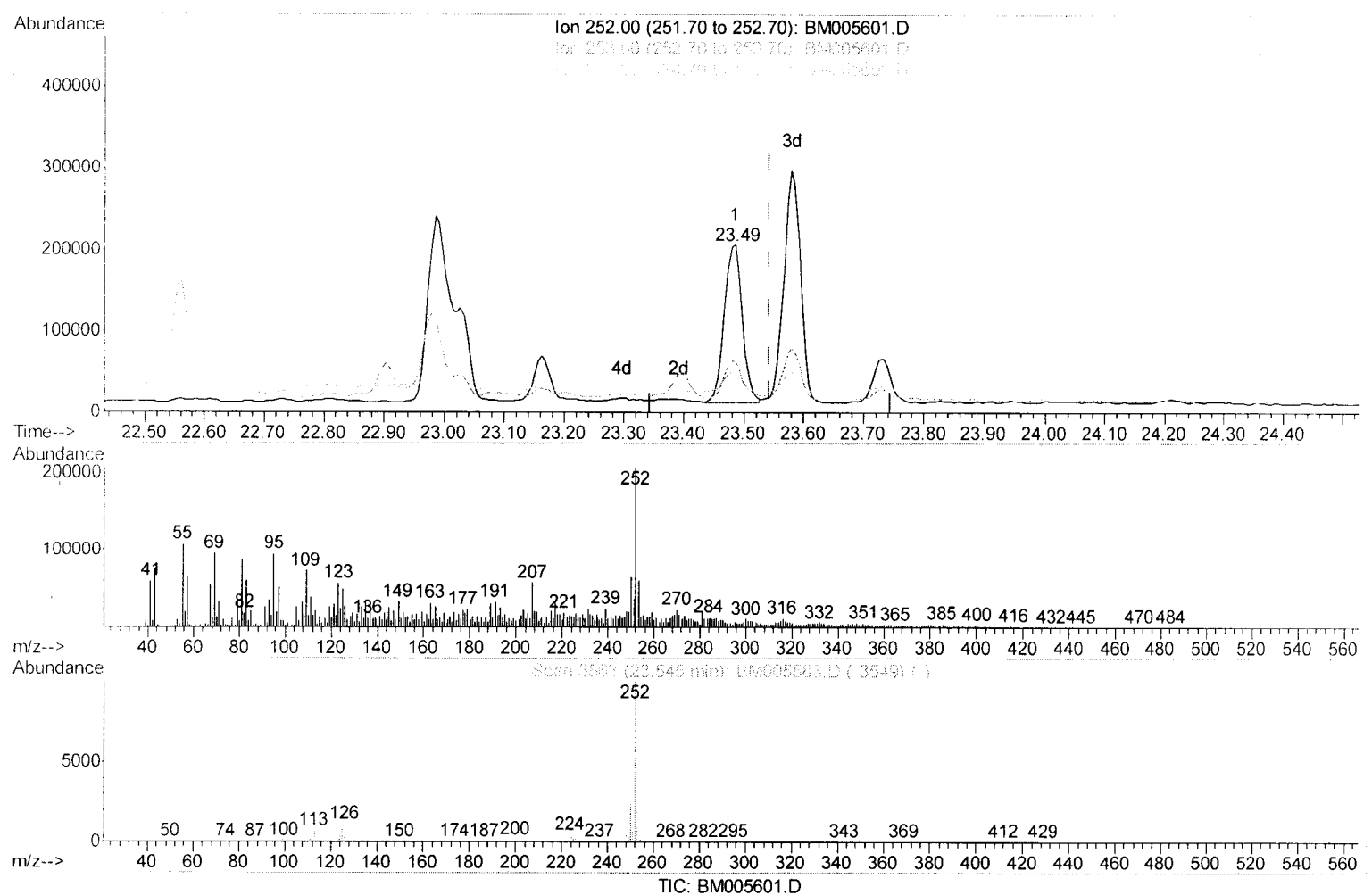
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005601.D
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 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: May 23 07:50:00 2016
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(88) Benzo(a)pyrene (C)

23.486min (-0.059) 11.75ng/ul

response 405014

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	29.81#
125.00	9.50	23.81#
0.00	0.00	0.00

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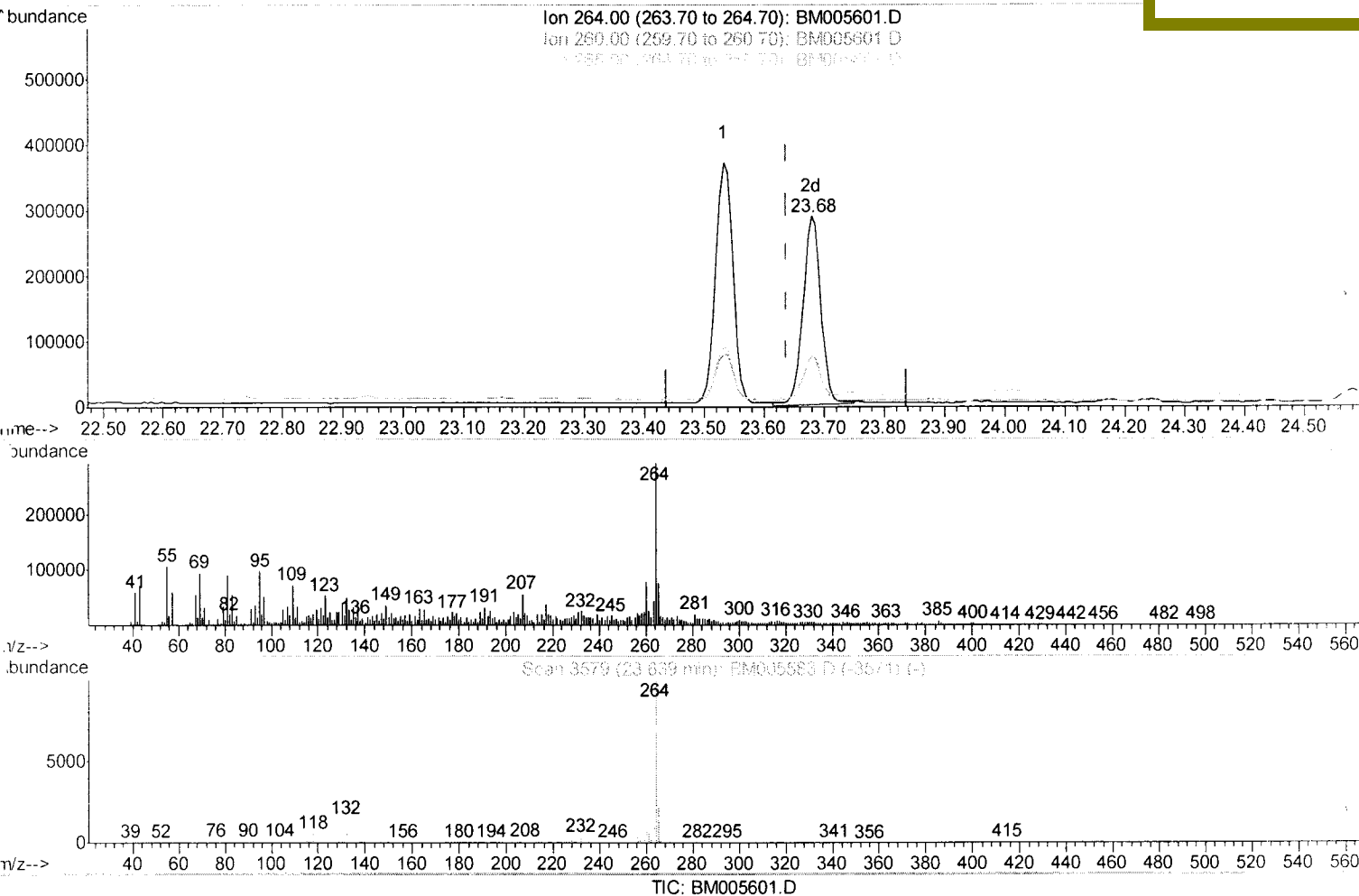
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
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(83) Perylene-d12 (I)

23.680min (+0.041) 20.00ng/ul m

response 602573

Ion Exp% Act%

264.00 100 100

260.00 22.80 26.99

265.00 20.90 26.38#

0.00 0.00 0.00

U.M.
 05/25/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	141046	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	570044	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	292659	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.22	188	617328	20.00	ng/ul	0.03
75) Chrysene-d12	21.38	240	625317	20.00	ng/ul	0.02
83) Perylene-d12	23.68	264	602573m	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	11311	3.51	ng/uL	0.00
5) Phenol-d5	7.00	99	299650	25.92	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	192999	28.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	245894	25.49	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	243203	25.67	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	123478	28.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	132610	27.64	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.24	165	248591	27.51	ng/ul	0.01
29) 4-Chloroaniline-d4	10.73	131	366919	40.55	ng/ul	-0.01
43) Dimethylphthalate-d6	13.87	166	631356	26.43	ng/ul	0.01
46) Acenaphthylene-d8	14.16	160	853640	28.58	ng/ul	0.02
51) 4-Nitrophenol-d4	14.67	143	150772	33.37	ng/ul	0.02
57) Fluorene-d10	15.46	176	568235	27.34	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.57	200	22797	6.42	ng/ul	0.01
70) Anthracene-d10	17.31	188	861806	29.31	ng/ul	0.02
76) Pyrene-d10	19.60	212	944108	33.34	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.53	264	732578	26.04	ng/ul	0.04

Target Compounds

						Qvalue
24) 2,4-Dimethylphenol	9.83	107	41783	3.92	ng/ul	87
28) Naphthalene	10.67	128	45317m	1.58	ng/ul	
44) Dimethylphthalate	13.92	163	145489	6.16	ng/ul#	79
47) Acenaphthylene	14.19	152	196183m	6.47	ng/ul	
49) Acenaphthene	14.53	153	101325	5.06	ng/ul#	84
58) Fluorene	15.52	166	175314	7.67	ng/ul#	82
69) Phenanthrene	17.26	178	719387	20.85	ng/ul#	90
71) Anthracene	17.34	178	199873	5.68	ng/ul#	73
74) Fluoranthene	19.27	202	873634	22.50	ng/ul	99
77) Pyrene	19.63	202	1473394	40.99	ng/ul	98
80) Benzo(a)anthracene	21.37	228	414673	11.28	ng/ul#	71
81) Bis(2-ethylhexyl)phthalate	21.29	149	226683	10.59	ng/ul#	89
82) Chrysene	21.42	228	586363	16.77	ng/ul#	85
85) Benzo(b)fluoranthene	22.99	252	534127m	15.03	ng/ul	
86) Benzo(k)fluoranthene	23.03	252	190172m	5.65	ng/ul	
88) Benzo(a)pyrene	23.58	252	576594m	16.72	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.01	276	374230m	9.14	ng/ul	
90) Dibenzo(a,h)anthracene	26.01	278	94460m	2.77	ng/ul	
91) Benzo(g,h,i)perylene	26.73	276	411632m	11.96	ng/ul	

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

(LSC Reviewed)

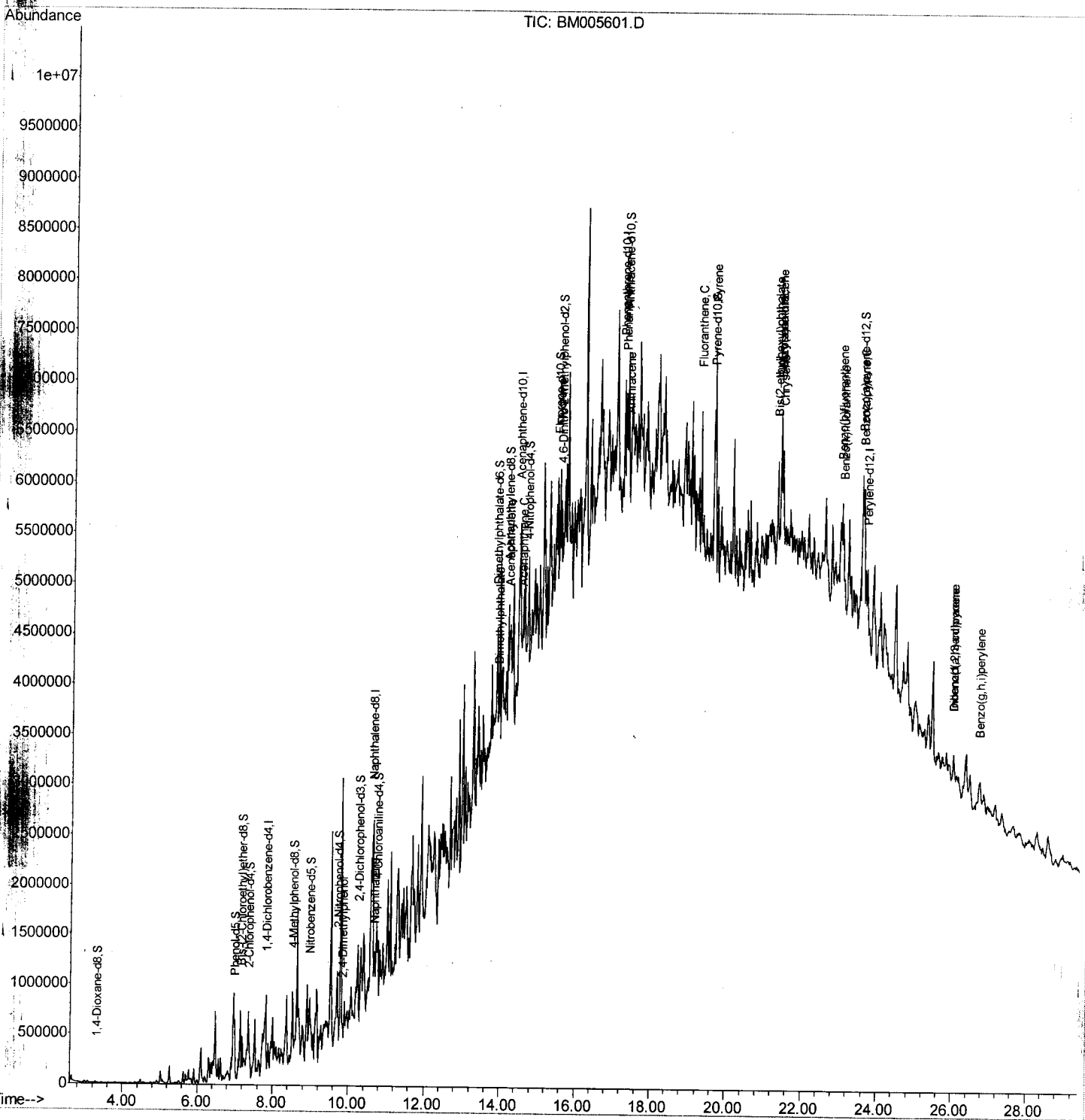
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Data File  : BM005601.D  
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Operator   : UM/SJ  
Sample     : H3124-02  
Misc       :  
ALS Vial   : 19      Sample Multiplier: 1
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Response via : Initial Calibration



Quantitation Report (Qedit)

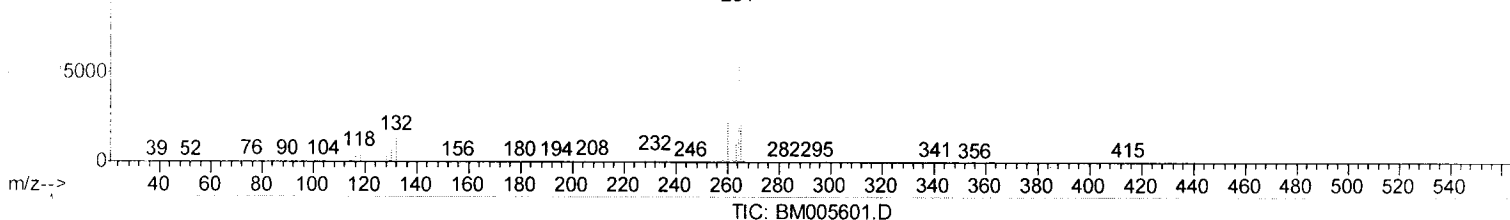
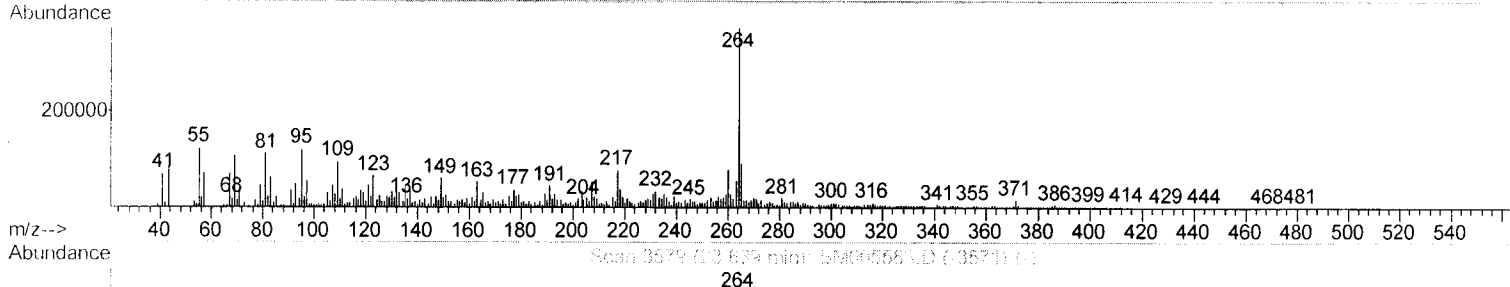
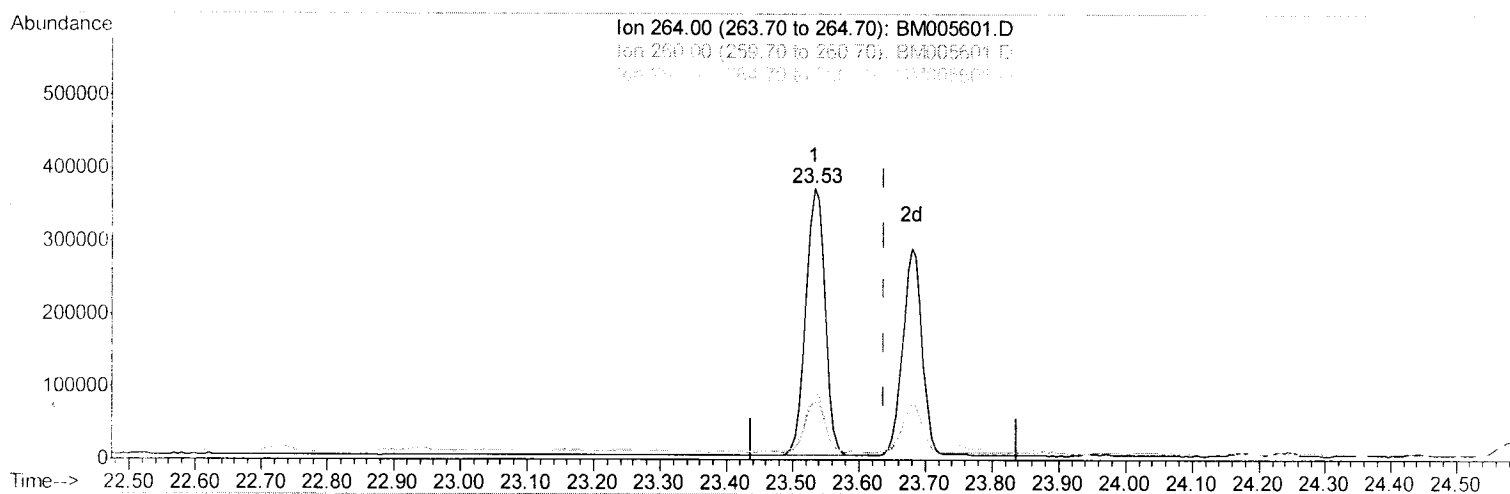
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005601.D
 Acq On : 22 May 2016 23:53
 Operator : UM/SJ
 Sample : H3124-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGF9

Manual Integrations
 APPROVED

umangi
 5/23/2016 8:36:00 PM

Quant Time: May 23 07:50:00 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration



(83) Perylene-d12 (I)

23.533min (-0.106) 20.00ng/ul

response 737751

Ion	Exp%	Act%
264.00	100	100
260.00	22.80	21.51
265.00	20.90	24.64
0.00	0.00	0.00