

(QT Reviewed)

```
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012726.D
Acq On    : 05 Nov 2017  02:31
Operator  : SJ/JU
Sample    : I5825-02
Misc      :
ALS Vial  : 18      Sample Multiplier: 1
```

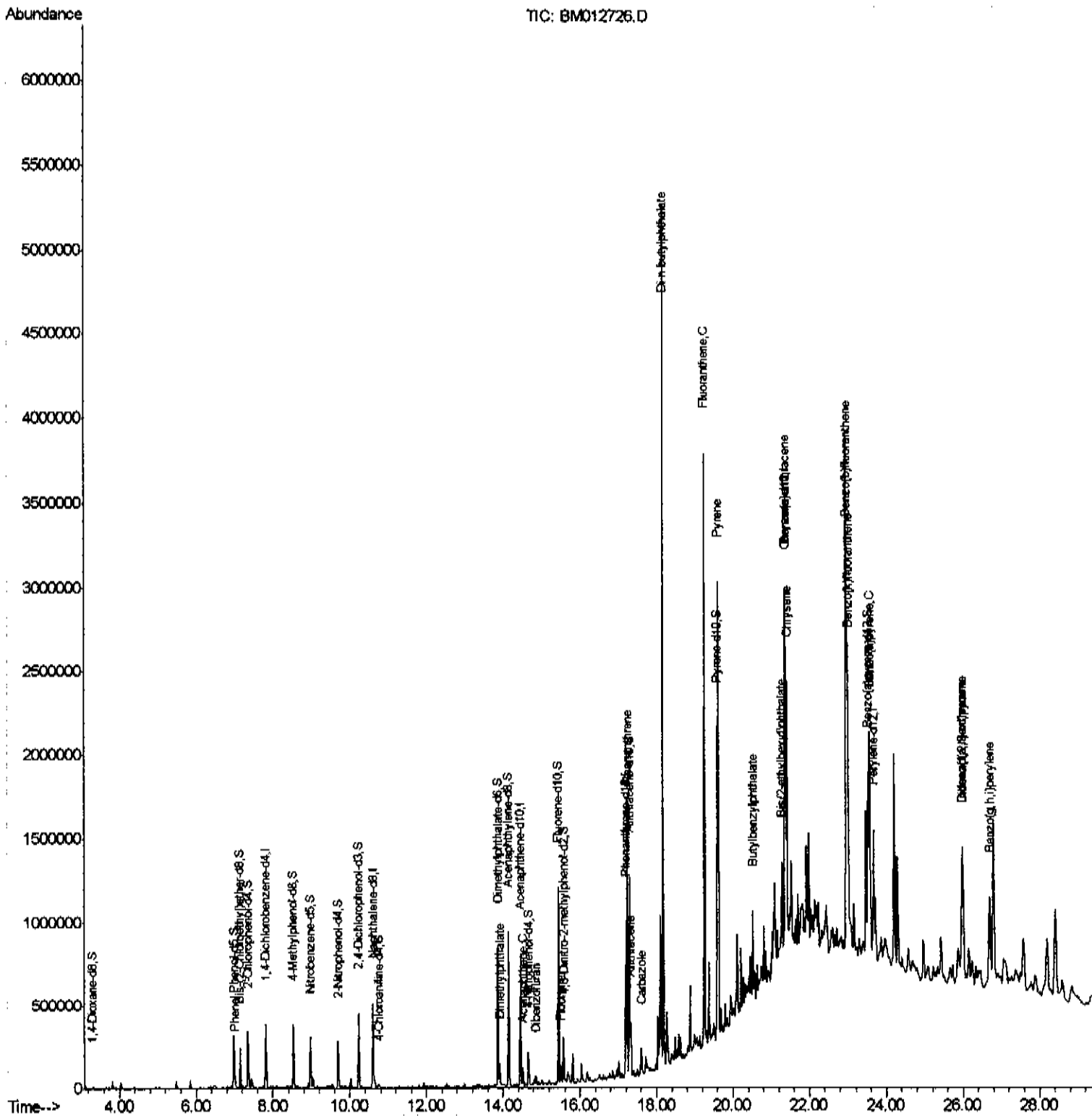
Instrument :
BNA_M

ClientSampleId :
B-63(0-1)-101117

Manual Integrations

Sohil
11/6/2017 4:23:59 PM

Quant Time: Nov 06 03:58:08 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

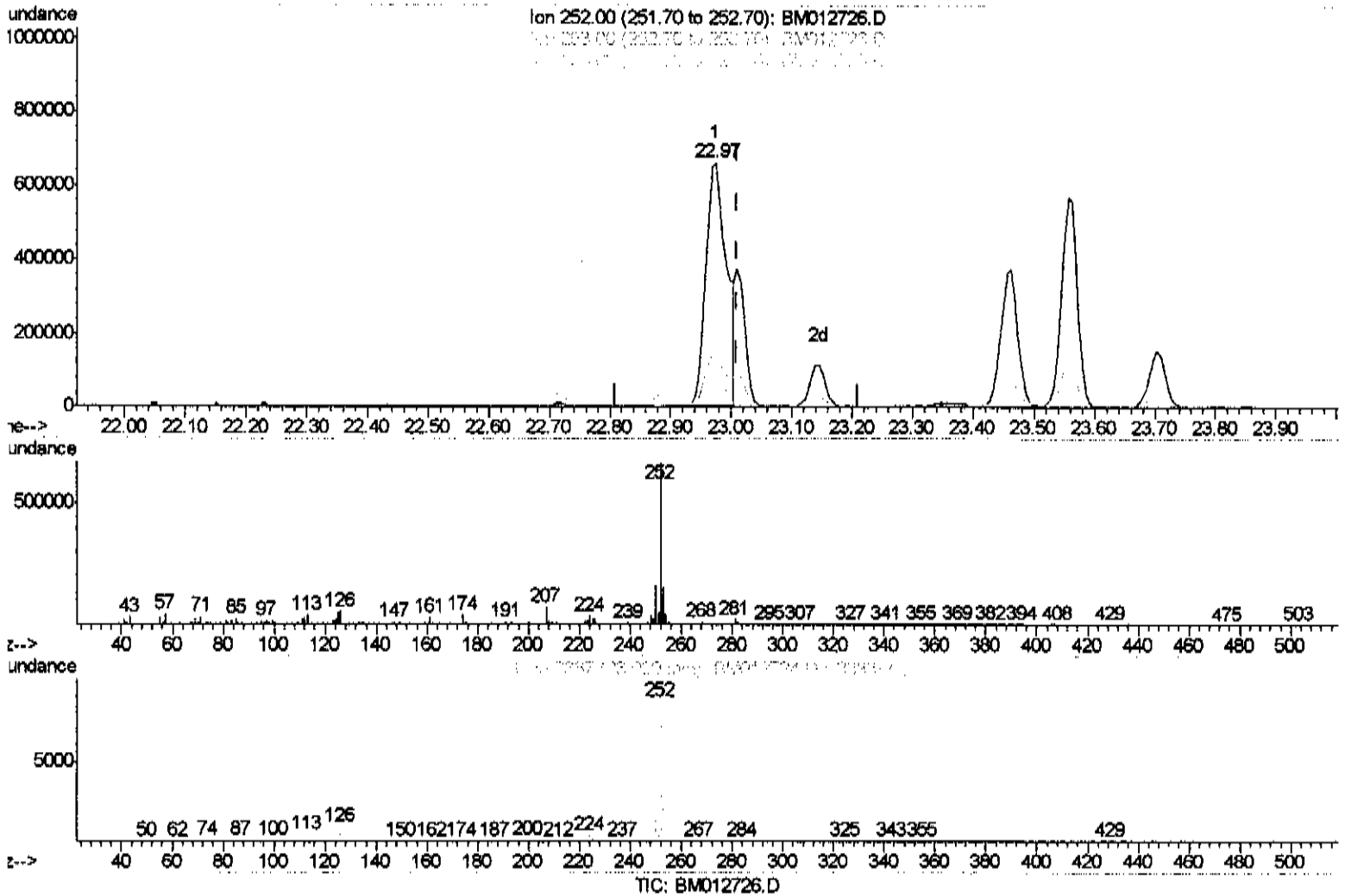
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(88) Benzo(k)fluoranthene

22.974min (-0.035) 45.59ng/ul

response 1596583

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.50
125.00	10.20	7.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

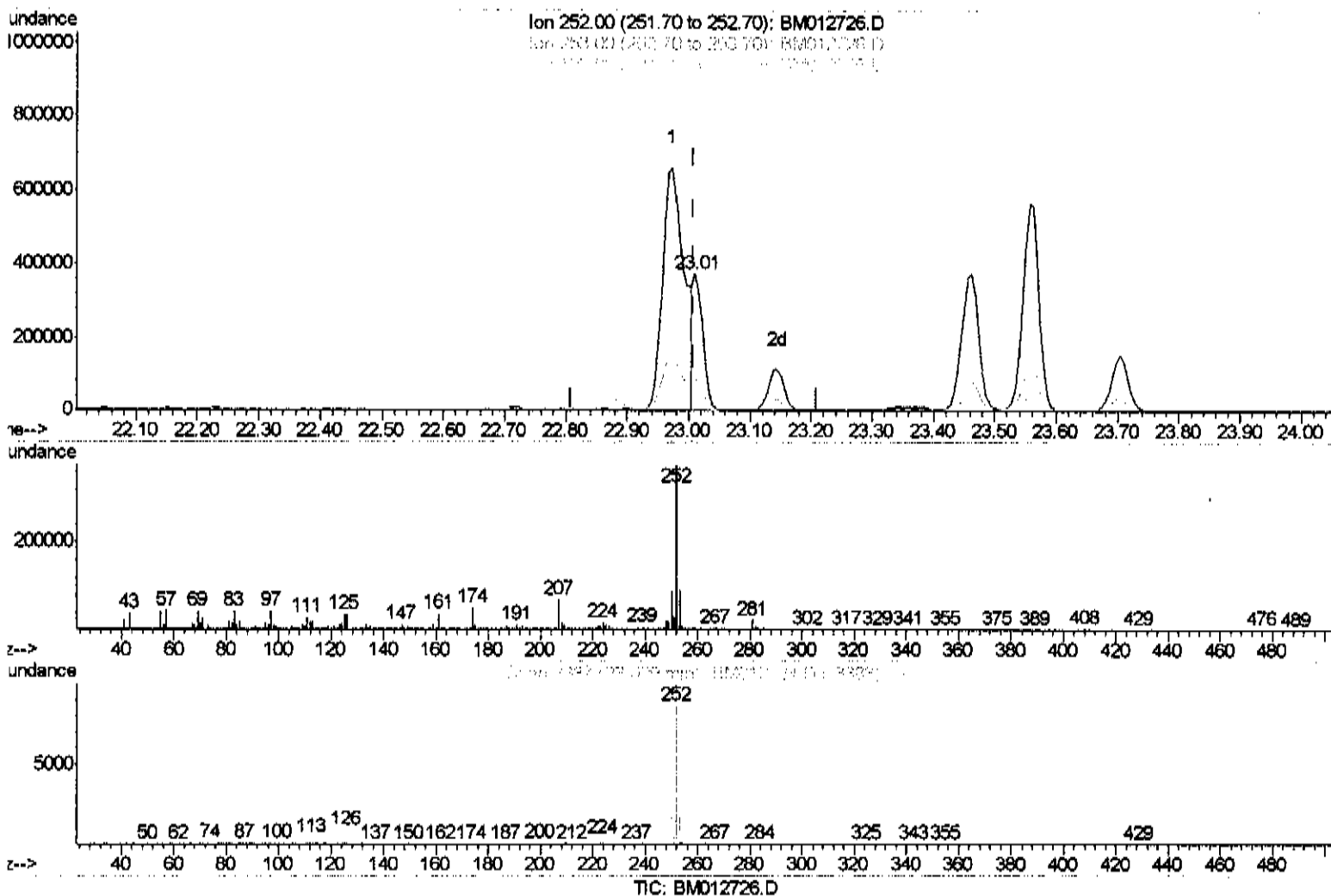
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(88) Benzo(k)fluoranthene

23.009min (+0.000) 11.51ng/ul m

response 403065

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.86
125.00	10.20	9.60
0.00	0.00	0.00

SJ 11/06/17

Quantitation Report (Qedit)

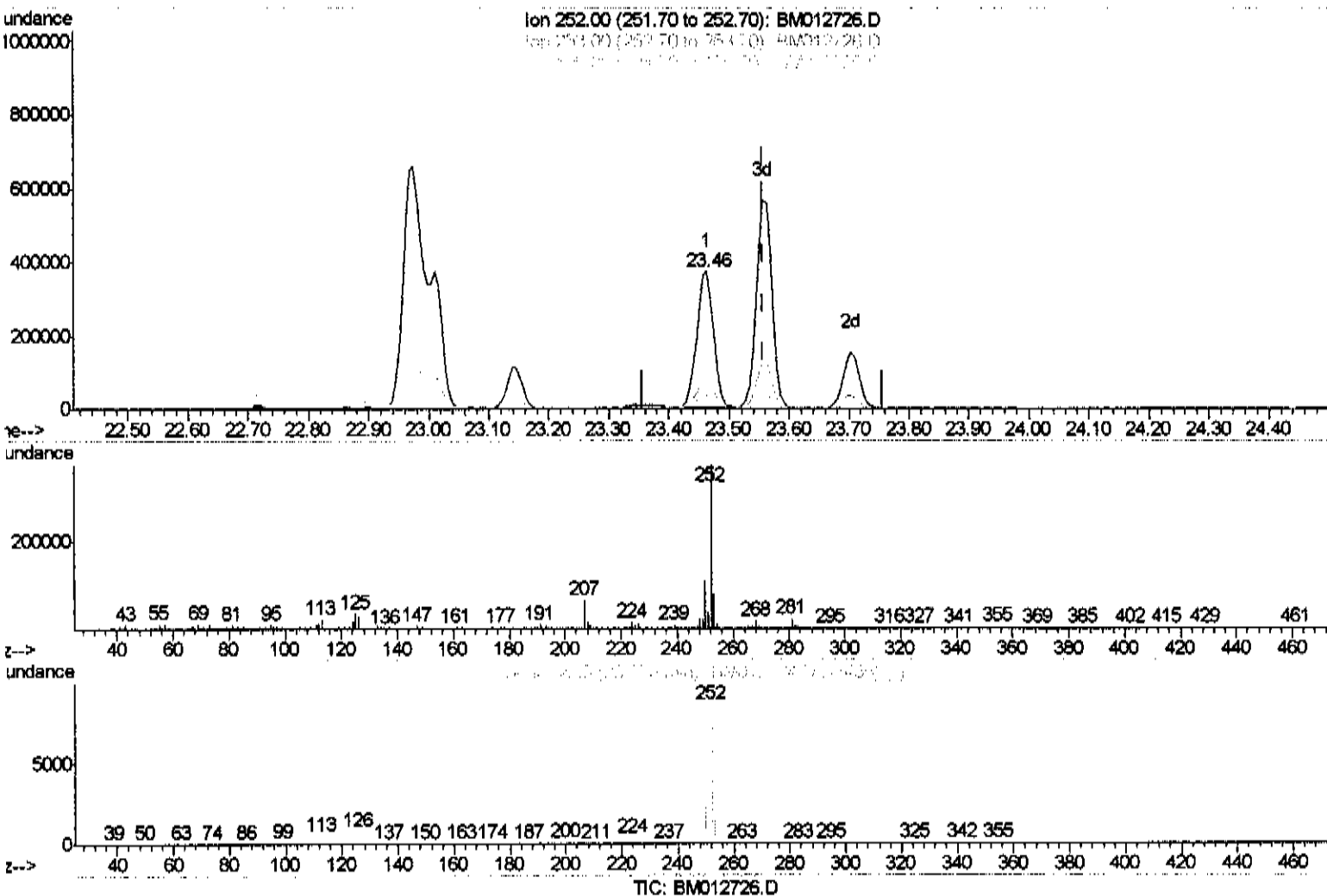
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(90) Benzo(a)pyrene (C)

23.462min (-0.094) 20.56ng/ul

response 720851

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	21.60
125.00	11.30	9.61
0.00	0.00	0.00

Quantitation Report (Qedit)

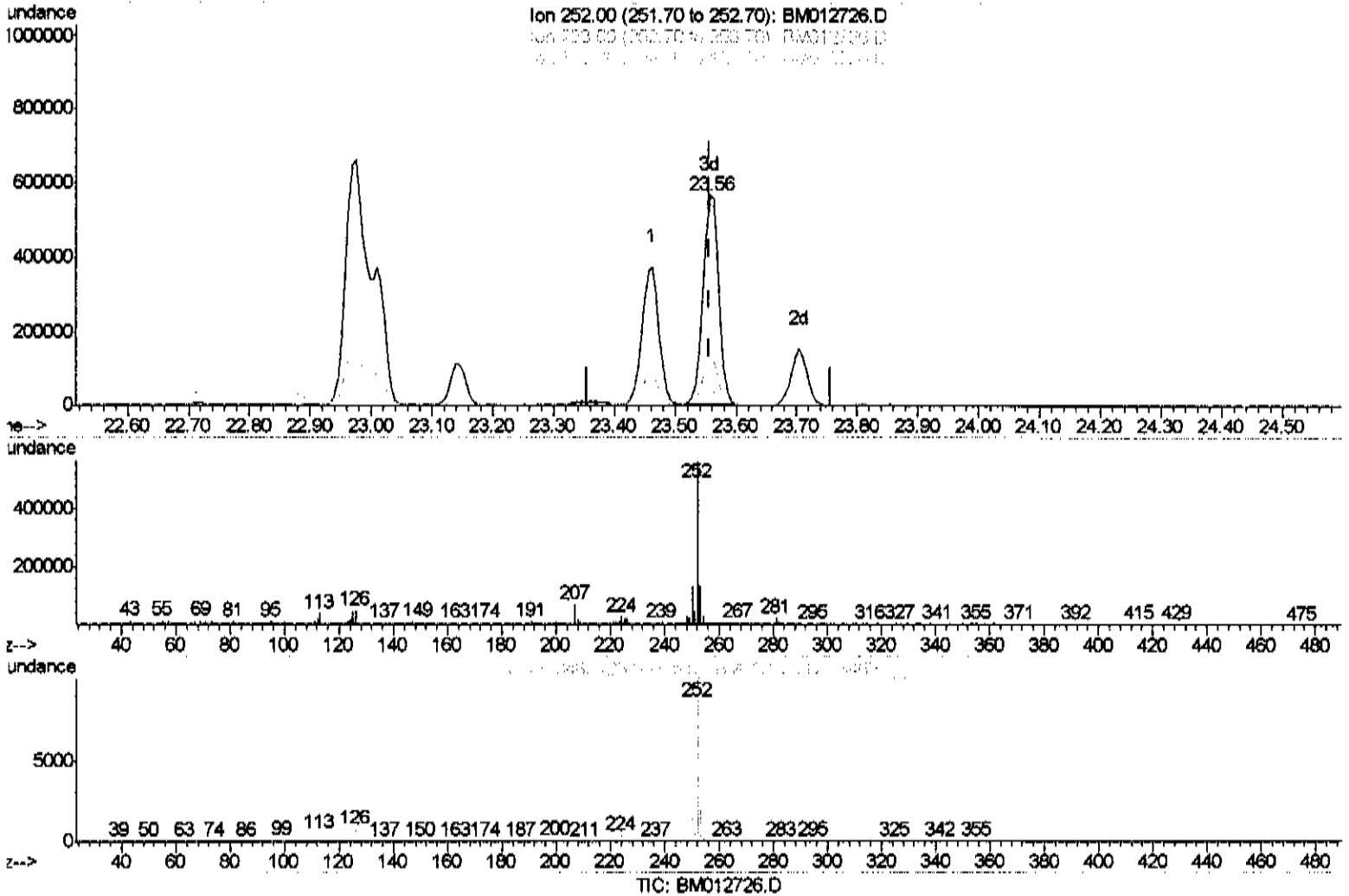
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 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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(90) Benzo(a)pyrene (C)

23.556min (+0.000) 29.16ng/ul m

response 1022352

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.19
125.00	11.30	7.61#
0.00	0.00	0.00

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Acq On : 05 Nov 2017 02:31
Operator : SJ/JU
Sample : I5825-02
Disc :
ALS Vial : 18 Sample Multiplier: 1

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	106368	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	434149	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	259329	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	547930	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	546506	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	602862	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	6833	3.47	ng/uL	0.00
5) Phenol-d5	6.99	99	176297	22.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	100118	23.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	155505	23.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	148716	21.77	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	75260	23.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	89075	24.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	175441	23.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	12328	1.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	547447	25.51	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	677396	25.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	54156	15.75	ng/ul	0.00
57) Fluorene-d10	15.44	176	464462	25.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	69552	19.23	ng/ul	0.00
70) Anthracene-d10	17.29	188	666089	25.16	ng/ul	0.00
78) Pyrene-d10	19.59	212	700031	27.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	729334	25.59	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.01	94	21159	2.60	ng/ul#	87
44) Dimethylphthalate	13.90	163	83423	3.92	ng/ul	97
49) Acenaphthene	14.51	153	46067	2.63	ng/ul	97
53) Dibenzofuran	14.85	168	27239	1.07	ng/ul	97
58) Fluorene	15.50	166	49596	2.34	ng/ul	98
69) Phenanthrene	17.23	178	888997	29.68	ng/ul	99
71) Anthracene	17.33	178	211257	6.80	ng/ul	100
74) Carbazole	17.60	167	99383	3.84	ng/ul	98
75) Di-n-butylphthalate	18.16	149	3597793	118.56	ng/ul	99
76) Fluoranthene	19.25	202	1987302	55.22	ng/ul#	93
79) Pyrene	19.62	202	1685793	51.70	ng/ul#	91
80) Butylbenzylphthalate	20.51	149	138048	11.61	ng/ul#	95
82) Benzo(a)anthracene	21.36	228	939914	28.42	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	175581	10.14	ng/ul#	92
84) Chrysene	21.41	228	924149	30.84	ng/ul	98
87) Benzo(b)fluoranthene	22.97	252	1596583	43.34	ng/ul#	97
88) Benzo(k)fluoranthene	23.01	252	403085m	11.51	ng/ul	} SJ 11/06/17
90) Benzo(a)pyrene	23.56	252	1022352m	29.16	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.97	276	805202	19.06	ng/ul#	85
92) Dibenzo(a,h)anthracene	25.97	278	198408	5.55	ng/ul	97
93) Benzo(a,h,i)perylene	26.68	276	715812	20.56	ng/ul#	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed