

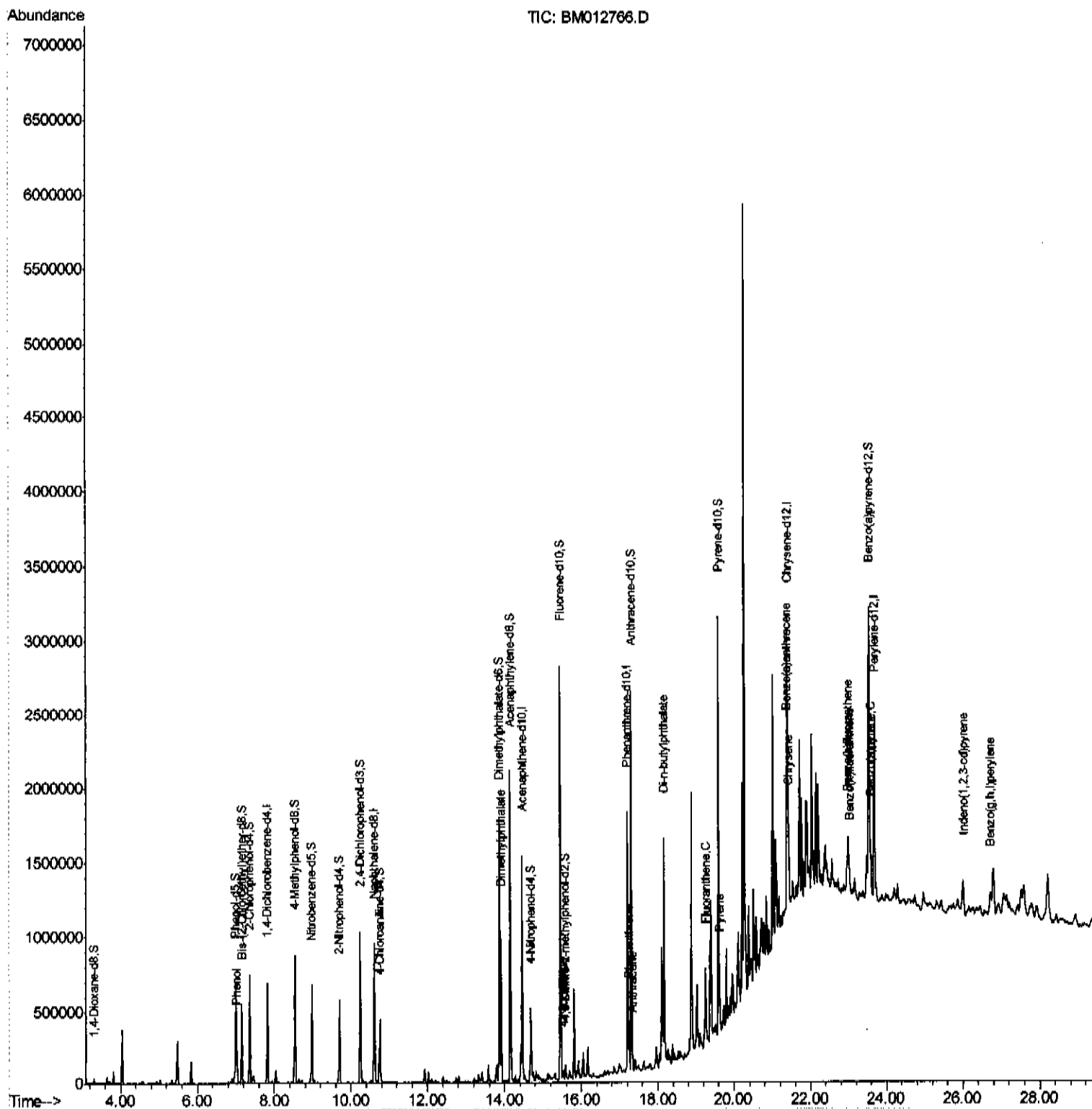
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012766.D
Acq On : 06 Nov 2017 07:34
Operator : SJ/JU
Sample : I5902-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-65(1.5-2.7)-101317

Quant Time: Nov 07 03:23:04 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/7/2017 5:35:04 PM



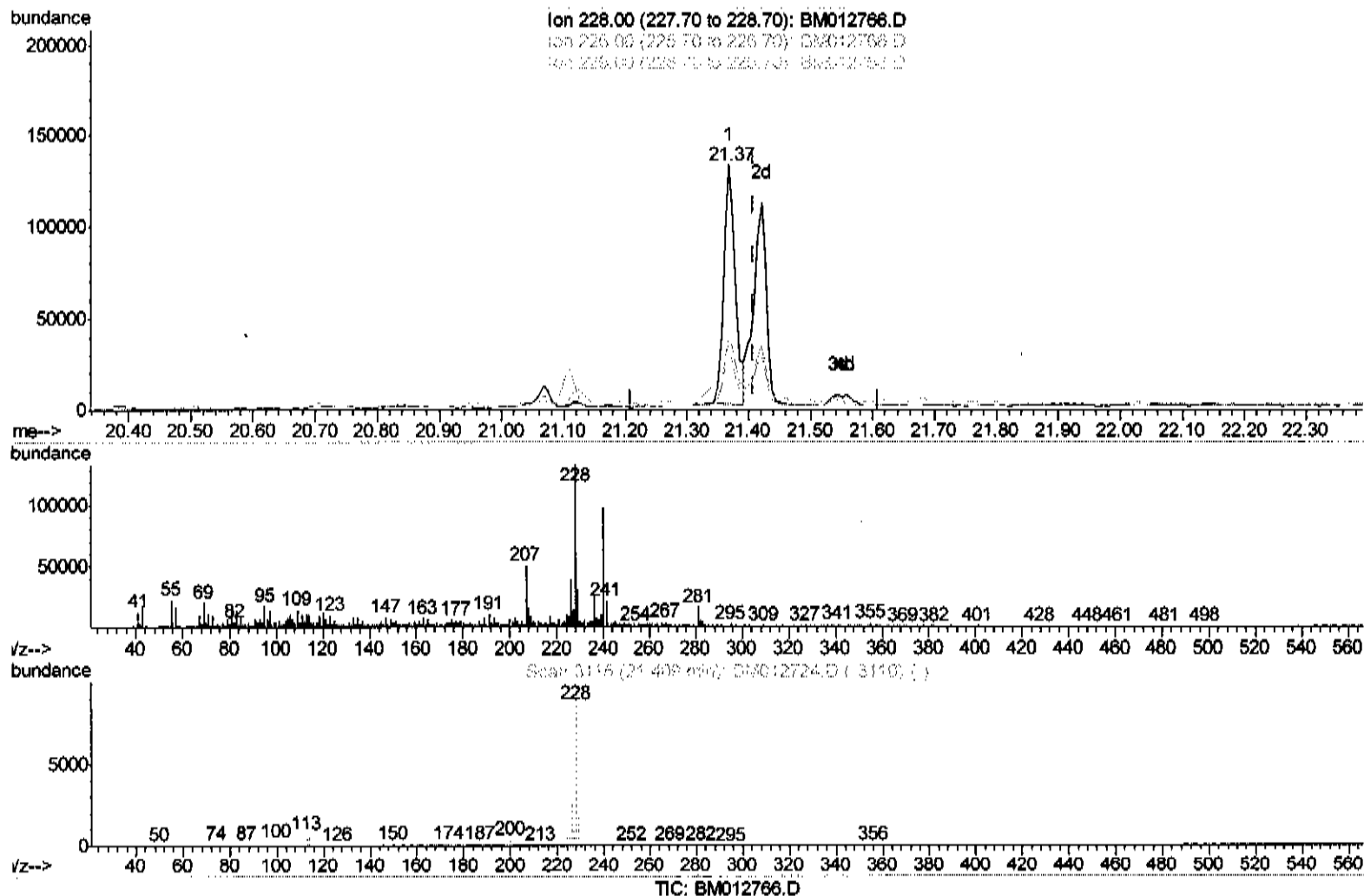
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(84) Chrysene

21.368min (-0.041) 3.61ng/ul

response 170456

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	29.14
229.00	19.50	23.37
0.00	0.00	0.00

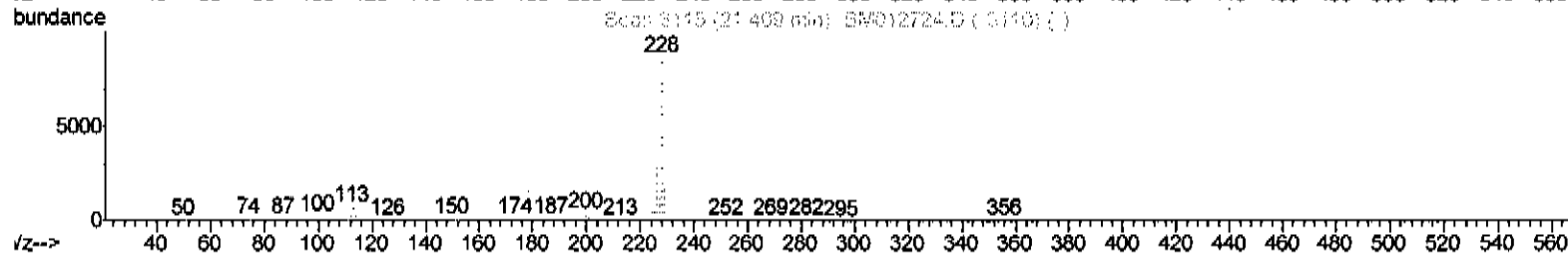
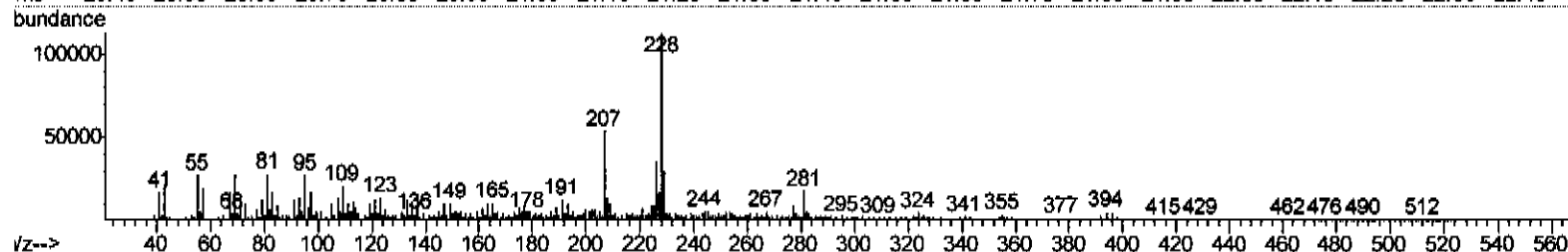
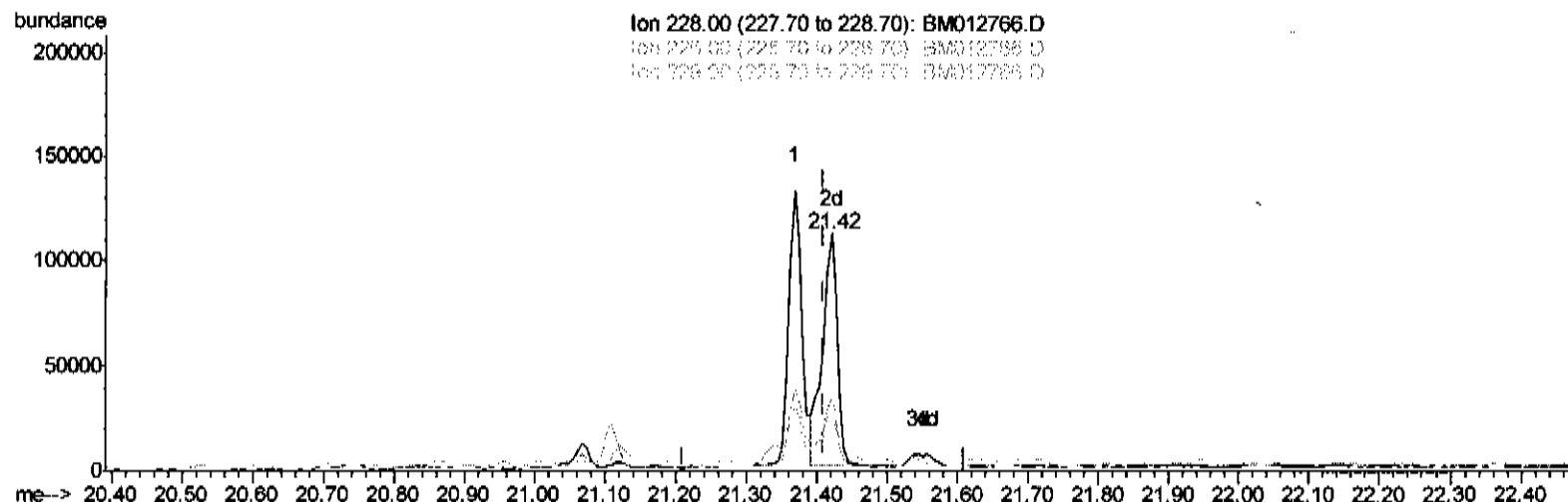
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(84) Chrysene

21.421min (+0.012) 3.42ng/ul m

response 161420

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	31.09
229.00	19.50	25.99#
0.00	0.00	0.00

SJ 11/7/17

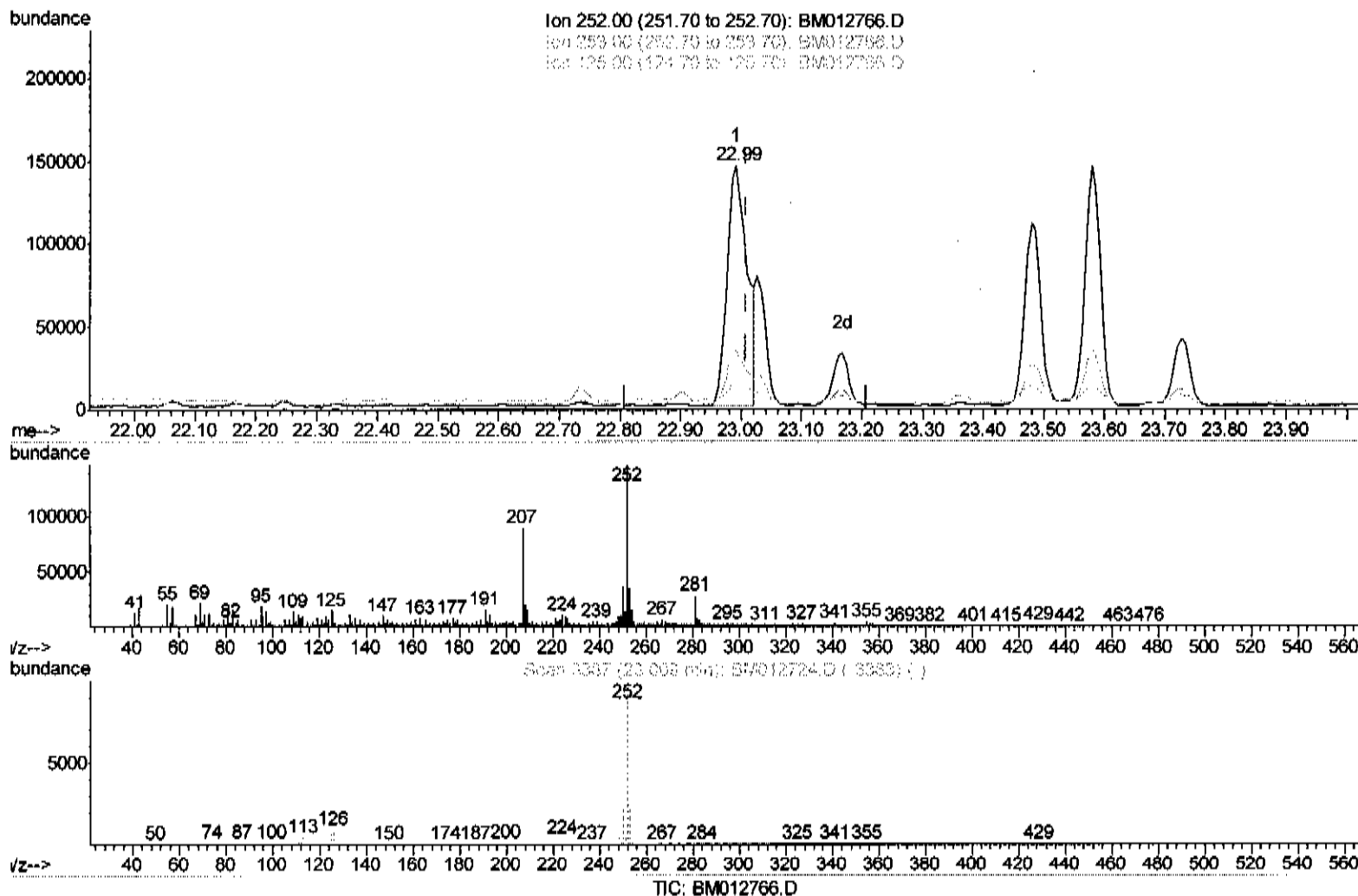
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(88) Benzo(k)fluoranthene

22.992min (-0.018) 6.15ng/ul

response 337993

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.90
125.00	10.20	10.36
0.00	0.00	0.00

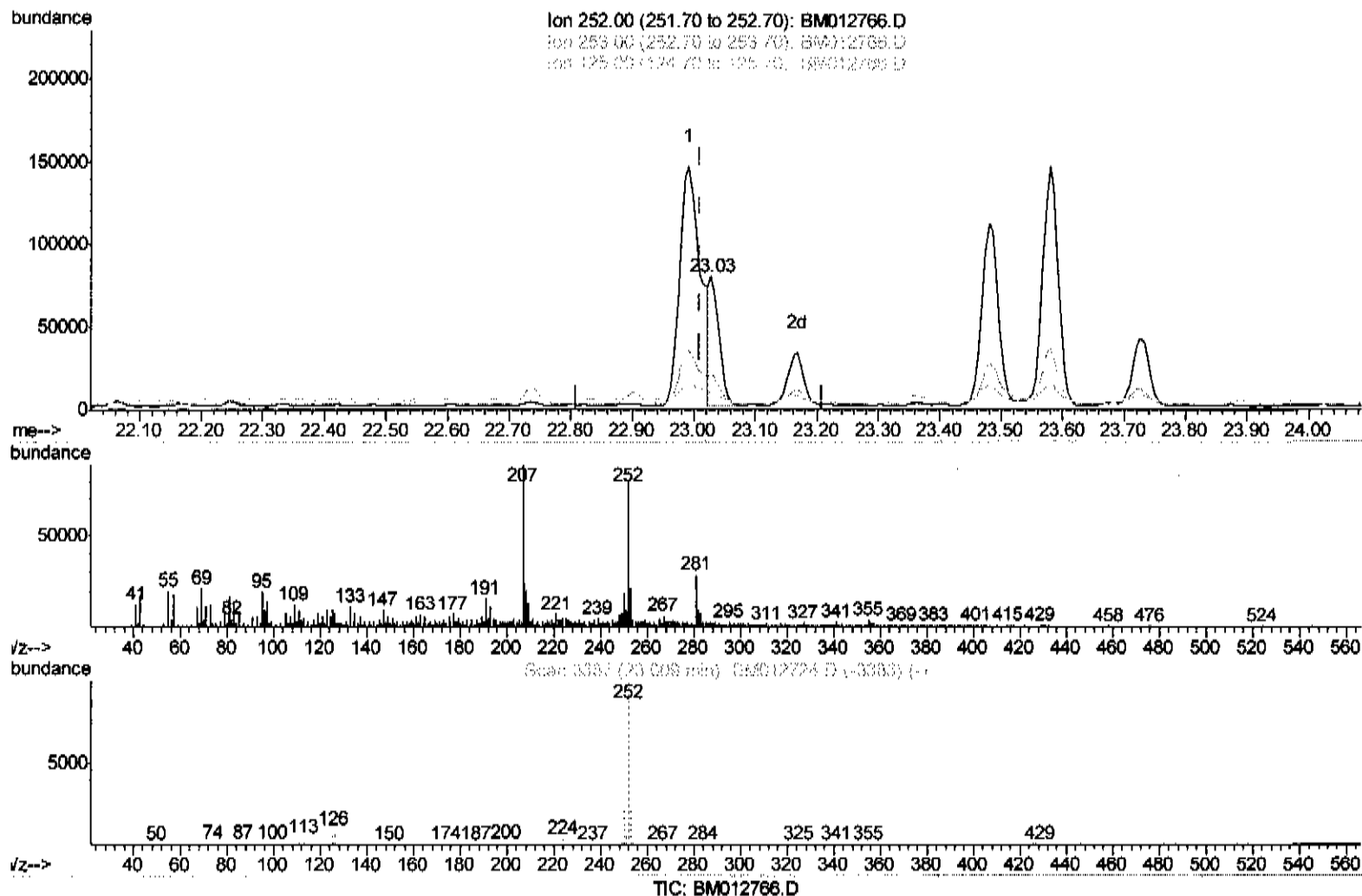
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 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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Manual Integrations
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Sohil
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(88) Benzo(k)fluoranthene

23.027min (+0.018) 1.64ng/ul m

response 90011

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	27.09#
125.00	10.20	12.48#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	191084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	789397	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	487157	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	1050974	20.00	ng/ul	0.01
77) Chrysene-d12	21.39	240	861385	20.00	ng/ul	0.01
85) Perylene-d12	23.68	264	945527	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.30	96	17196	4.86	ng/uL	0.00
5) Phenol-d5	7.00	99	405007	28.49	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	222275	28.85	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	352950	29.80	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	338589	27.59	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	178186	30.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	201620	30.21	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.24	165	405888	29.67	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	270179	20.46	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	1209699	30.01	ng/ul	0.01
46) Acenaphthylene-d8	14.15	160	1522667	30.54	ng/ul	0.01
51) 4-Nitrophenol-d4	14.69	143	149178	23.09	ng/ul	0.02
57) Fluorene-d10	15.45	176	1053493	30.51	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	23746	3.42	ng/ul	0.02
70) Anthracene-d10	17.30	188	1500977	29.56	ng/ul	0.01
78) Pyrene-d10	19.60	212	1372152	34.33	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.54	264	1362054	30.47	ng/ul	0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.02	94	74899	5.13	ng/ul	95
44) Dimethylphthalate	13.92	163	669693	16.74	ng/ul	100
60) 4-Nitroaniline	15.53	138	13061	1.66	ng/ul	96
69) Phenanthrene	17.24	178	194815	3.39	ng/ul	98
71) Anthracene	17.34	178	63106	1.06	ng/ul	97
75) Di-n-butylphthalate	18.17	149	1127867	19.38	ng/ul	99
76) Fluoranthene	19.26	202	226833	3.29	ng/ul#	94
79) Pyrene	19.63	202	211085	4.11	ng/ul#	90
82) Benzo(a)anthracene	21.37	228	170456	3.27	ng/ul	94
84) Chrysene	21.42	228	161420m>	3.42	ng/ul	> 94
87) Benzo(b)fluoranthene	22.99	252	337993	5.85	ng/ul	> 97
88) Benzo(k)fluoranthene	23.03	252	90011m>	1.64	ng/ul	> 94
90) Benzo(a)pyrene	23.58	252	256129	4.66	ng/ul	94
91) Indeno(1,2,3-cd)pyrene	26.00	276	220849	3.33	ng/ul#	85
93) Benzo(a,h,i)perylene	26.72	276	207688	3.80	ng/ul#	92

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