

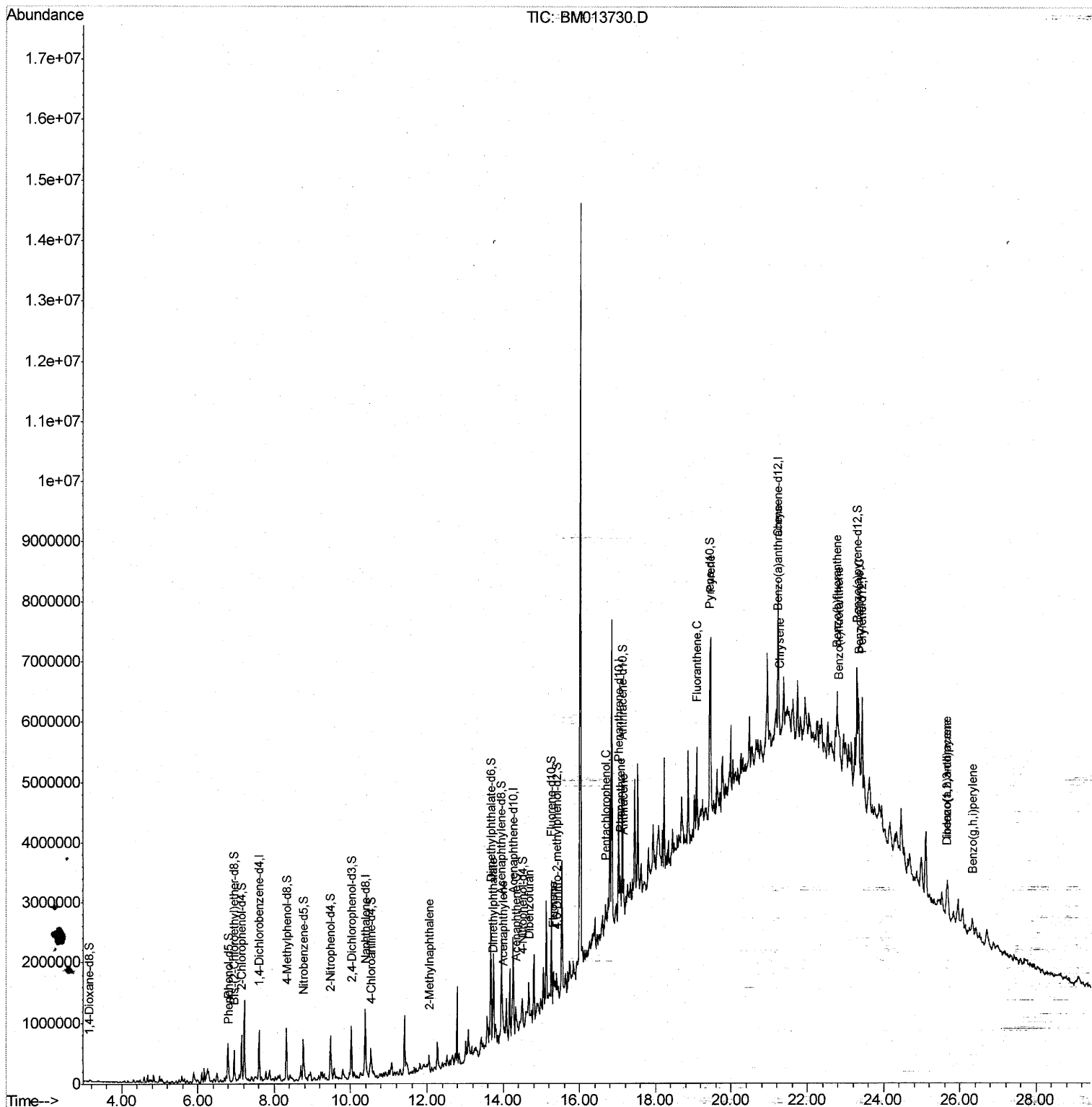
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
 Data File : BM013730.D
 Acq On : 23 Jan 2018 13:22
 Operator : SJ/JU
 Sample : J1174-12
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6A47

Manual Integrations
 APPROVED

Sohil
 1/23/2018 4:08:12 PM

Quant Time: Jan 23 14:32:51 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 23 06:05:57 2018
 Response via : Initial Calibration



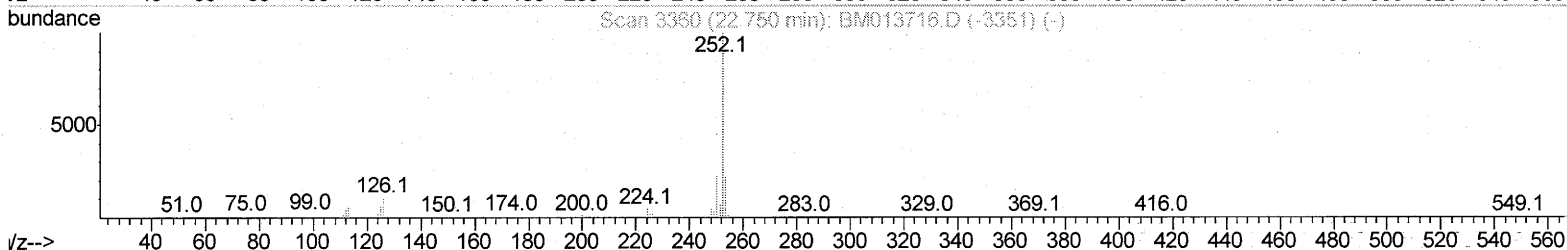
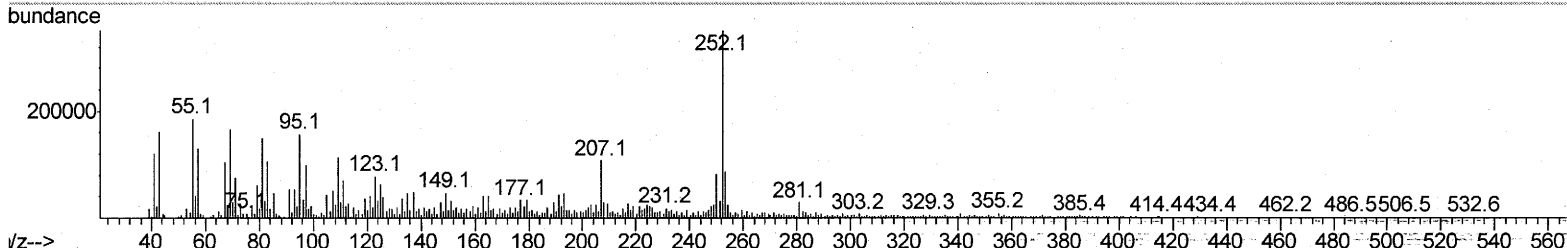
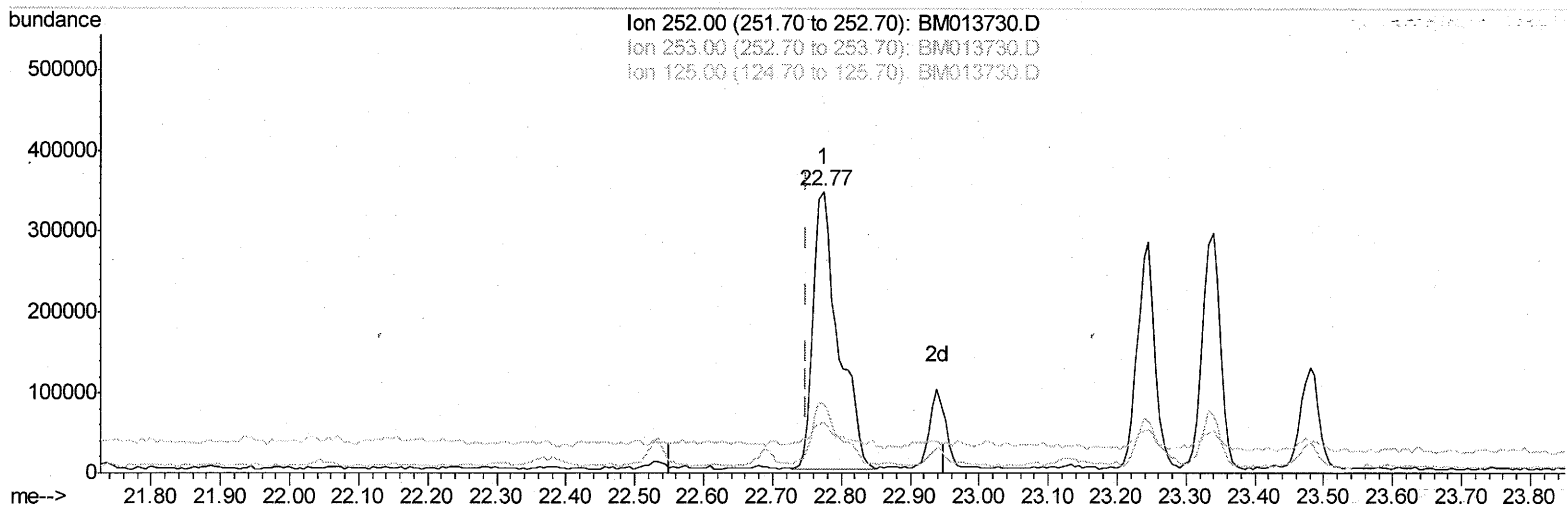
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TIC: BM013730.D

(85) Benzo(b)fluoranthene

22.774min (+0.023) 15.23ng/ul

response 875533

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	24.88
125.00	4.50	18.23#
0.00	0.00	0.00

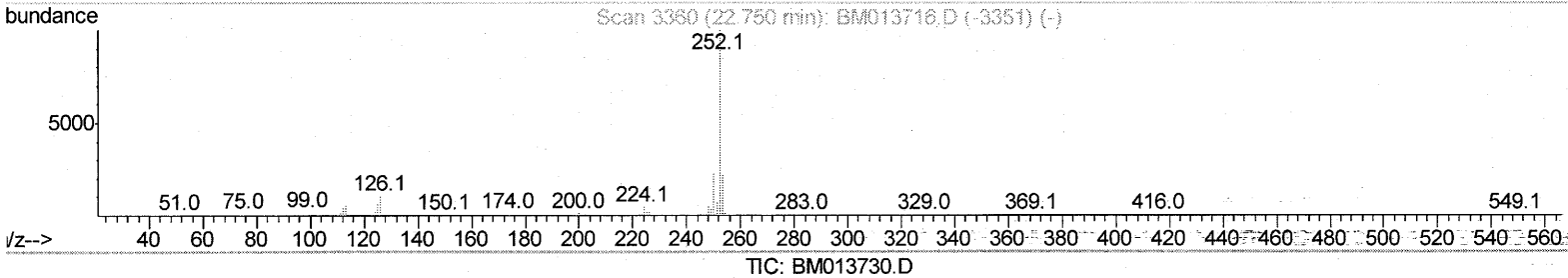
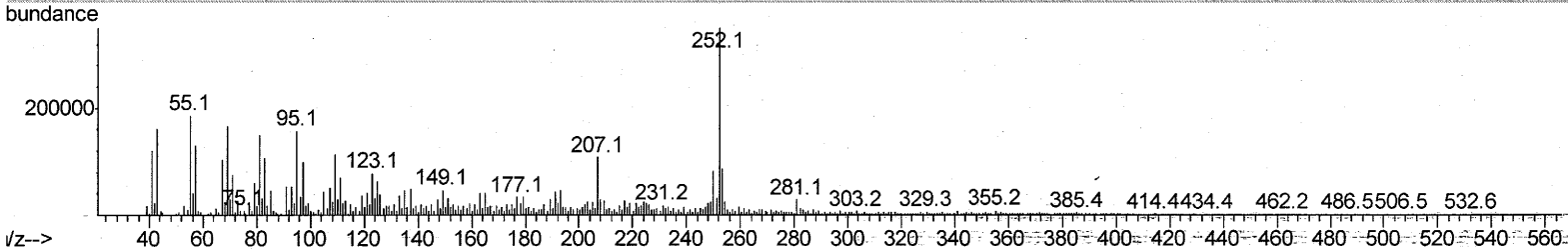
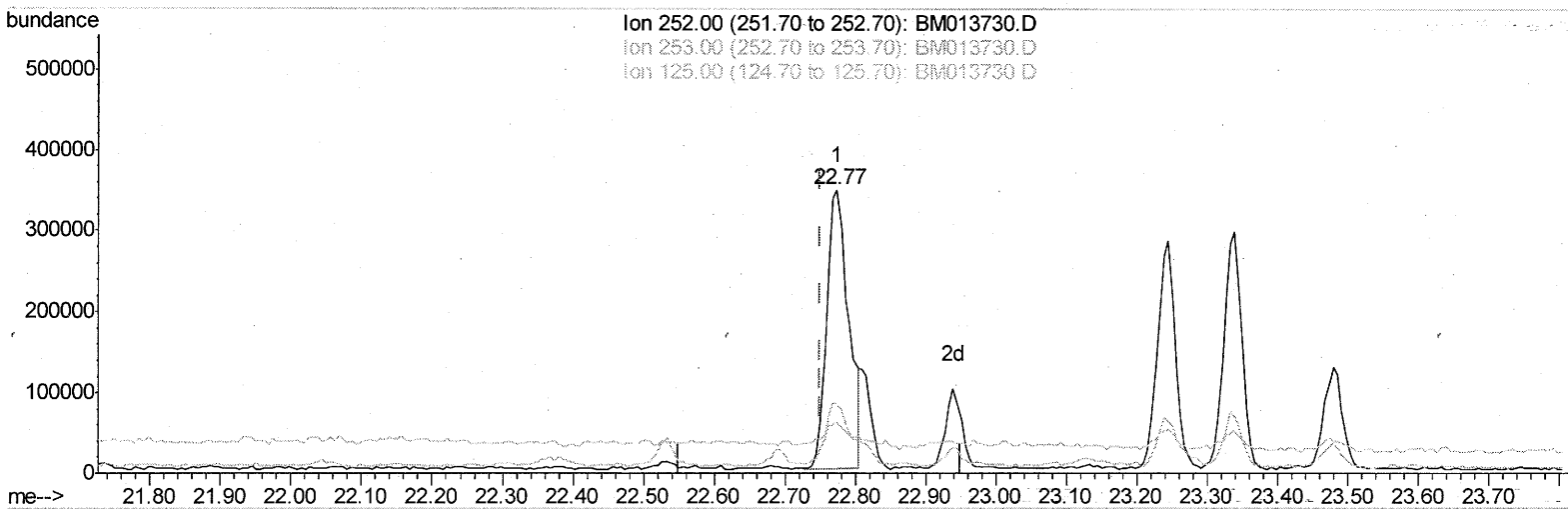
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(85) Benzo(b)fluoranthene

22.774min (+0.023) 12.91ng/ul m

response 741981

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	24.88
125.00	4.50	18.23#
0.00	0.00	0.00

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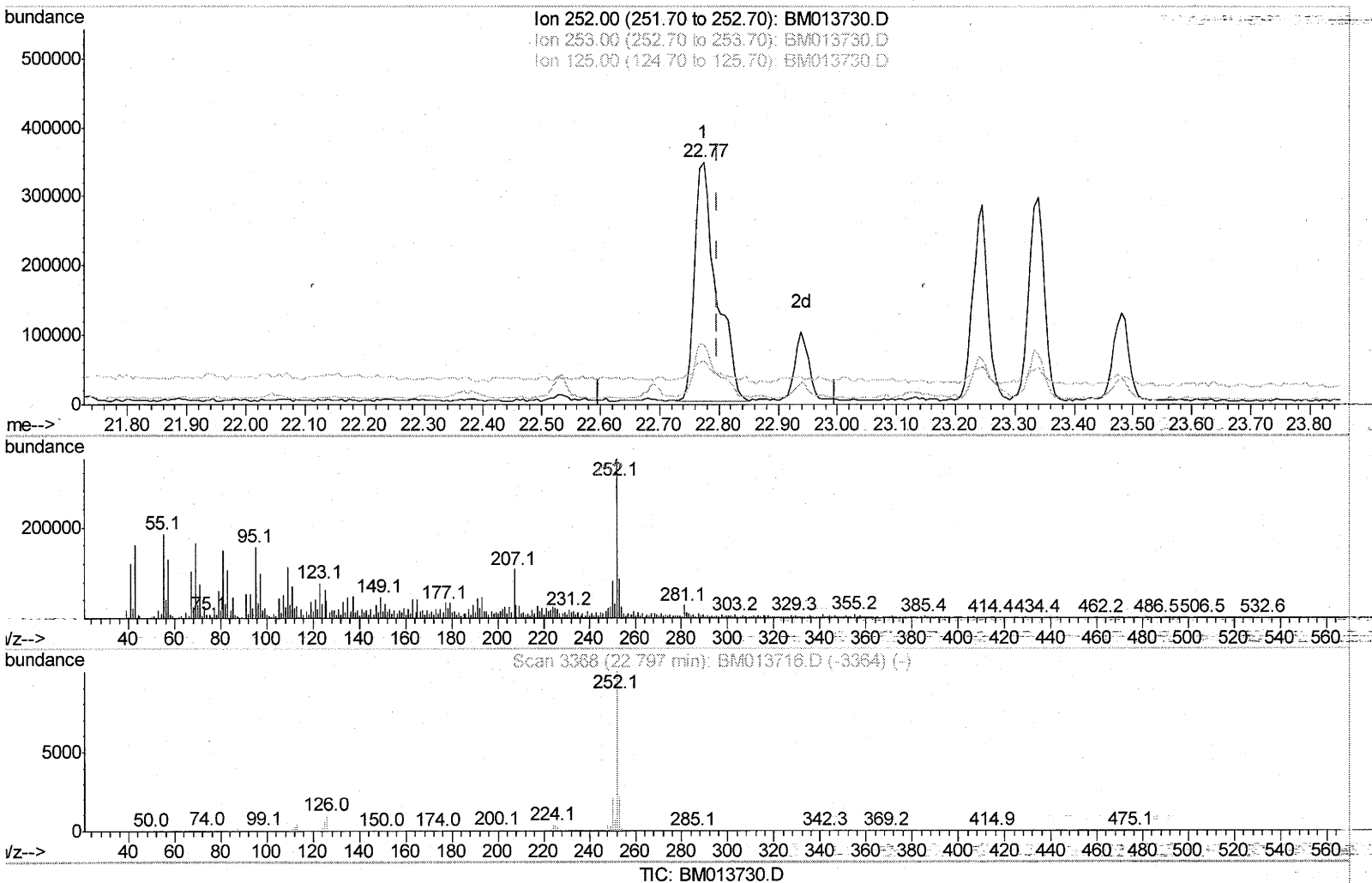
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Instrument :
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(86) Benzo(k)fluoranthene

22.774min (-0.024) 15.76ng/ul

response 875533

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.88
125.00	4.30	18.23#
0.00	0.00	0.00

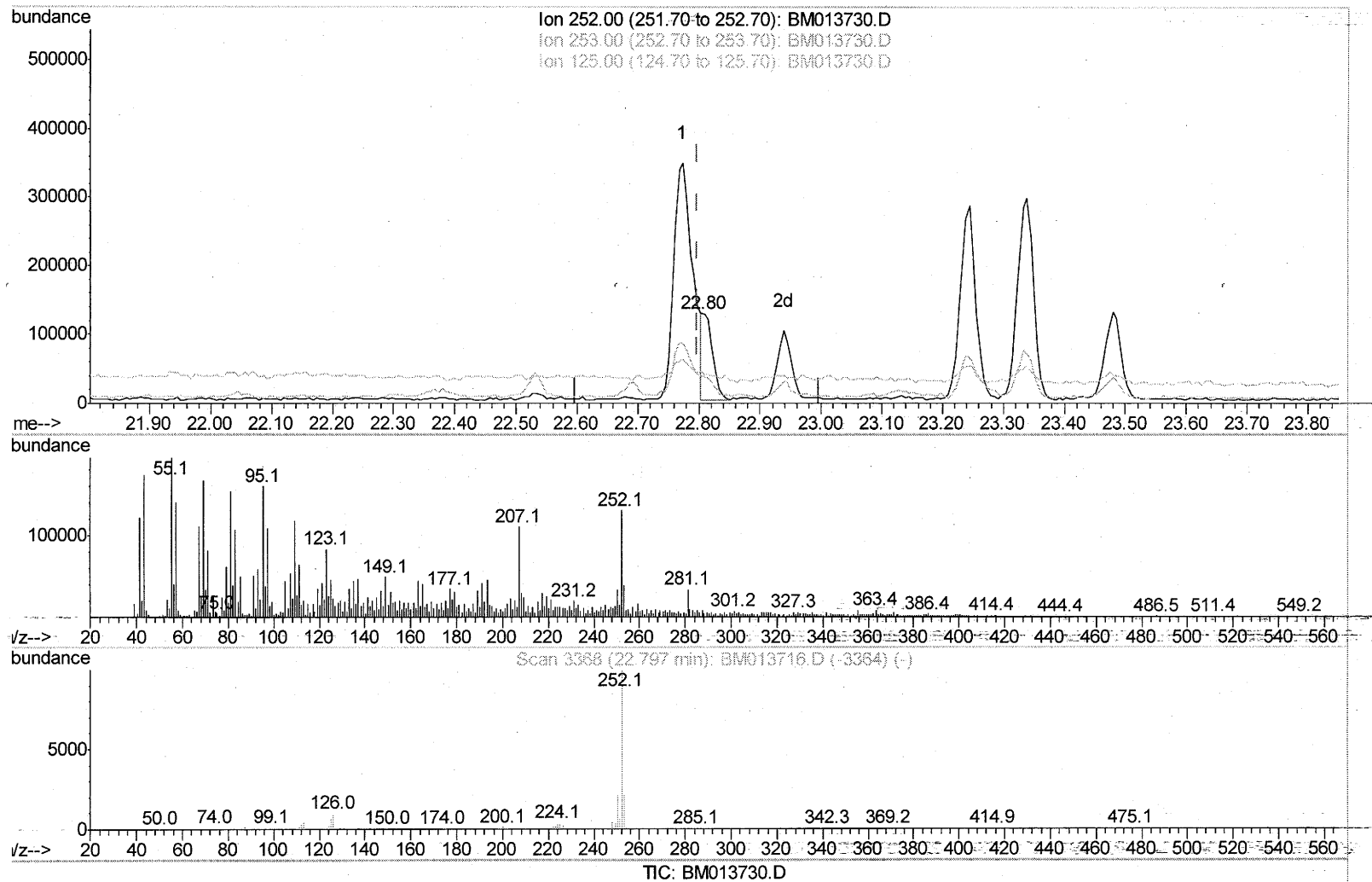
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(86) Benzo(k)fluoranthene

22.803min (+0.006) 2.48ng/ul m

response 137547

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	30.06#
125.00	4.30	35.41#
0.00	0.00	0.00

juo1/26/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	206508	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	805703	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	416589	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	881640	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	910452	20.00	ng/ul	0.01
83) Perylene-d12	23.43	264	935860	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.16	96	13071	2.50	ng/uL	0.00
5) Phenol-d5	6.80	99	354790	22.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	215785	22.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	308447	23.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	303152	24.87	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	152509	24.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	165226	25.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	305168	23.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	227763	20.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	849694	24.75	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	1087127	24.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	91623	16.42	ng/ul	0.01
57) Fluorene-d10	15.26	176	719573	23.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	58457	11.02	ng/ul	0.00
70) Anthracene-d10	17.12	188	1078222	25.11	ng/ul	0.00
76) Pyrene-d10	19.42	212	1158644	27.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	1123159	26.11	ng/ul	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.82	94	47700	3.000	ng/ul#	82
34) 2-Methylnaphthalene	12.06	142	119944	4.014	ng/ul	98
44) Dimethylphthalate	13.73	163	217681	6.448	ng/ul	98
47) Acenaphthylene	13.98	152	158846	3.965	ng/ul	95
49) Acenaphthene	14.33	153	154883	5.582	ng/ul	97
53) Dibenzofuran	14.66	168	110530	2.648	ng/ul	98
58) Fluorene	15.32	166	138078	4.039	ng/ul#	83
68) Pentachlorophenol	16.67	266	61014	10.244	ng/ul	96
69) Phenanthrene	17.06	178	315513	6.438	ng/ul#	95
71) Anthracene	17.15	178	292829	5.793	ng/ul#	88
74) Fluoranthene	19.09	202	706083	12.070	ng/ul#	92
77) Pyrene	19.45	202	1317950	23.812	ng/ul#	92
80) Benzo(a)anthracene	21.20	228	242604	4.410	ng/ul#	91
82) Chrysene	21.26	228	171400	3.396	ng/ul#	89
85) Benzo(b)fluoranthene	22.77	252	741981m	12.910	ng/ul	91
86) Benzo(k)fluoranthene	22.80	252	137547m	2.476	ng/ul	91
88) Benzo(a)pyrene	23.34	252	535408	9.861	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	25.64	276	353531	5.516	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.63	278	70722	1.307	ng/ul#	56
91) Benzo(g,h,i)perylene	26.32	276	346338	6.566	ng/ul#	87

See 1/26/18

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