

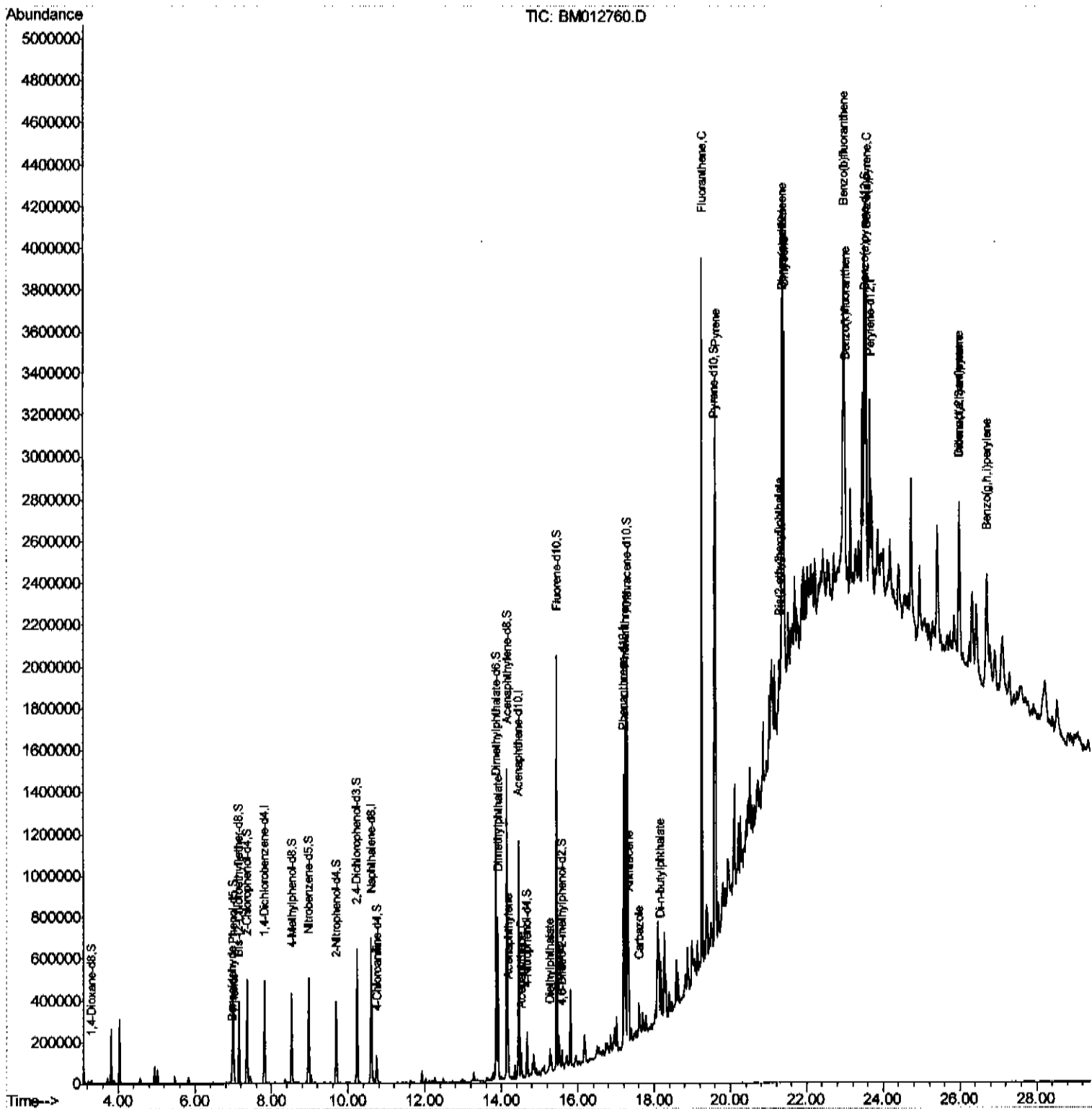
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 Data File : BM012760.D
 Acq On : 06 Nov 2017 03:59
 Operator : SJ/JU
 Sample : I5825-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DUP-5

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:28:57 PM

Quant Time: Nov 06 07:42:35 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
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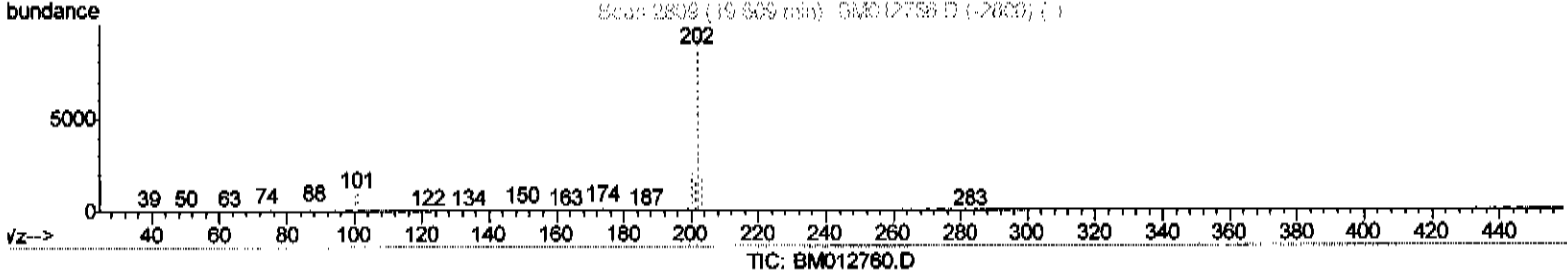
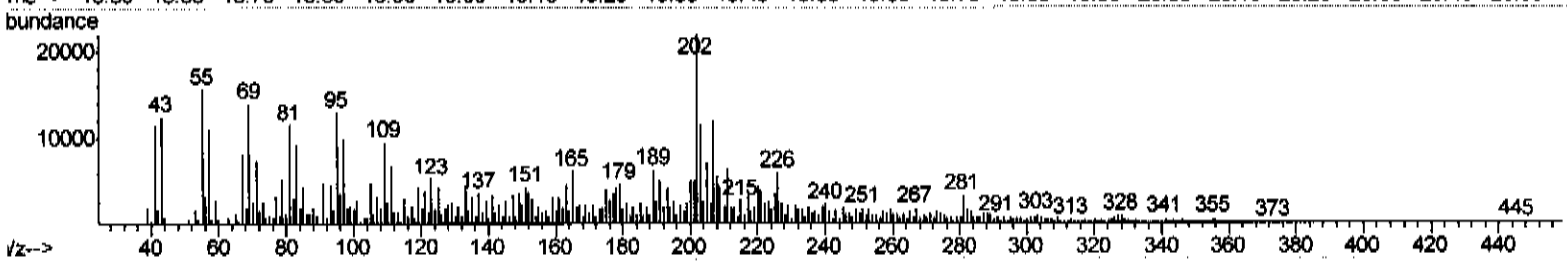
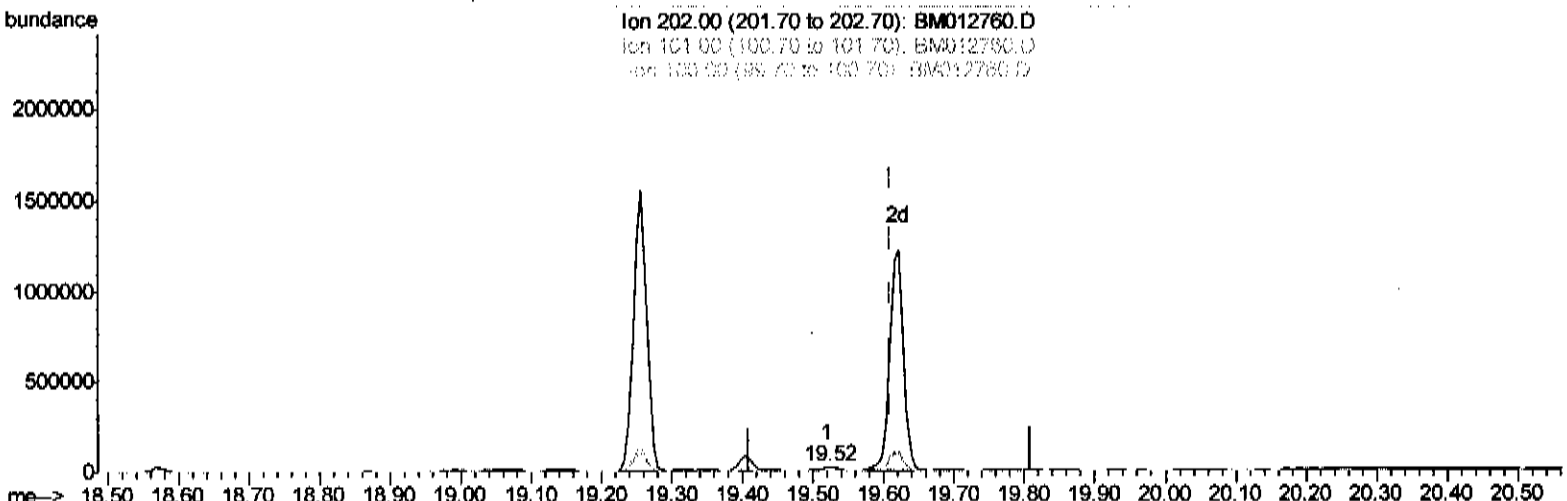
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(79) Pyrene

19.521min (-0.088) 0.77ng/ul

response 28837

Ion	Exp%	Act%
202.00	100	100
101.00	12.70	13.57
100.00	10.60	8.95
0.00	0.00	0.00

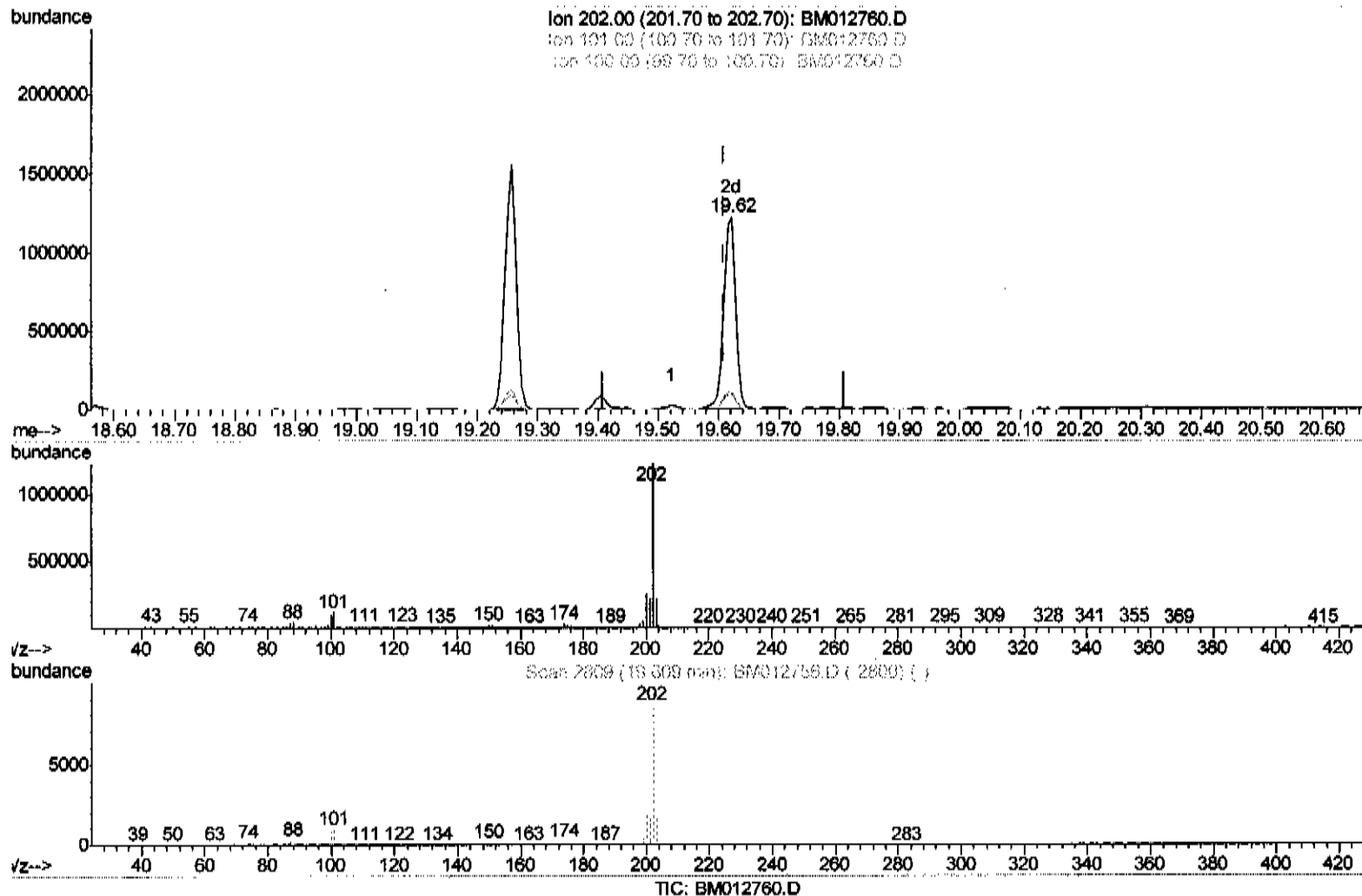
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(79) Pyrene

19.621min (+0.012) 44.45ng/ul m

response 1675637

Ion	Exp%	Act%
202.00	100	100
101.00	12.70	9.34#
100.00	10.60	7.69#
0.00	0.00	0.00

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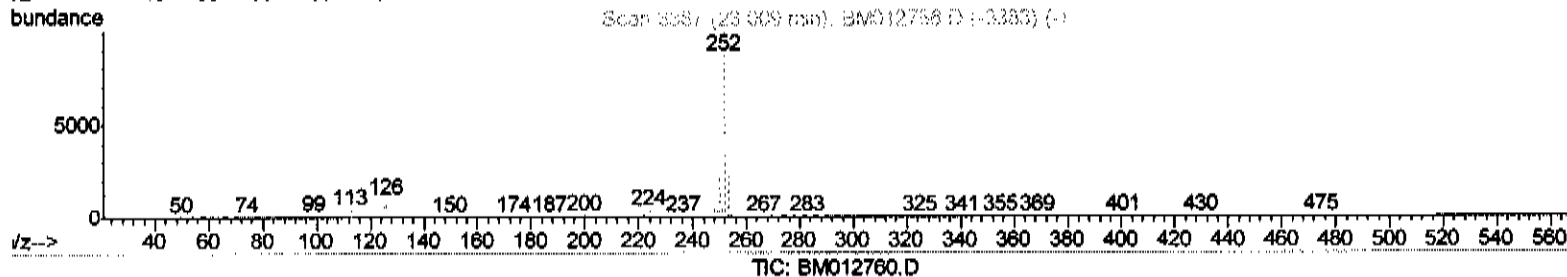
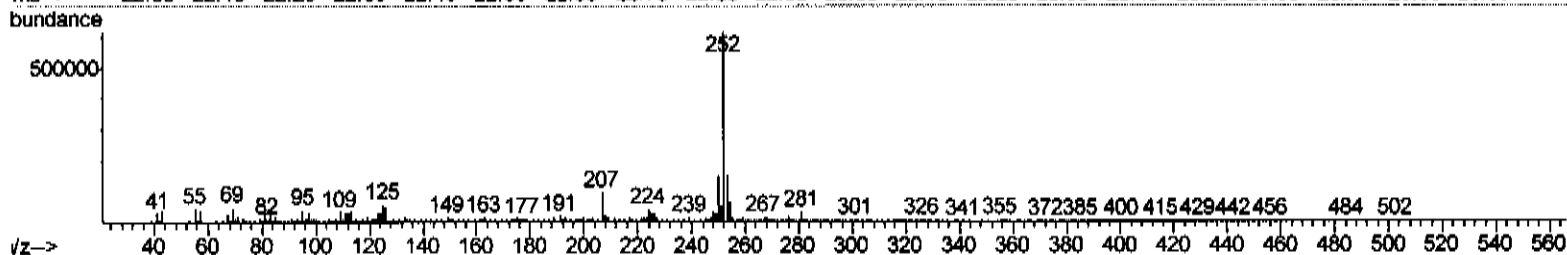
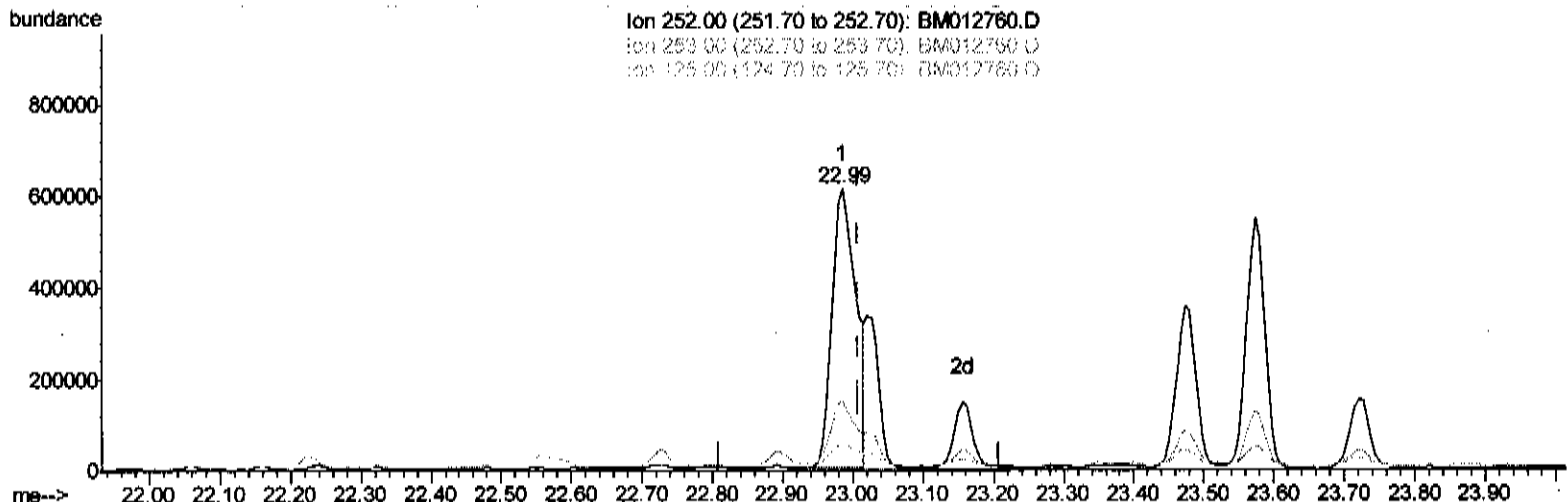
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(88) Benzo(k)fluoranthene

22.986min (-0.023) 36.65ng/ul

response 1476775

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	24.46
125.00	10.20	9.30
0.00	0.00	0.00

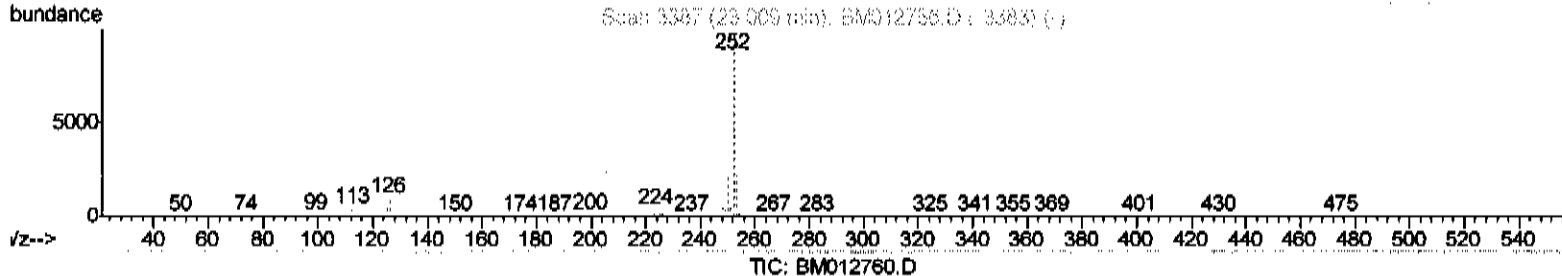
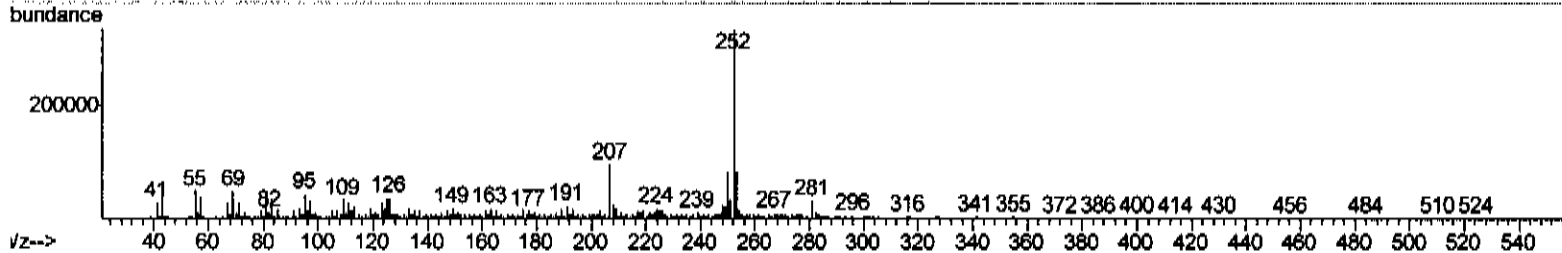
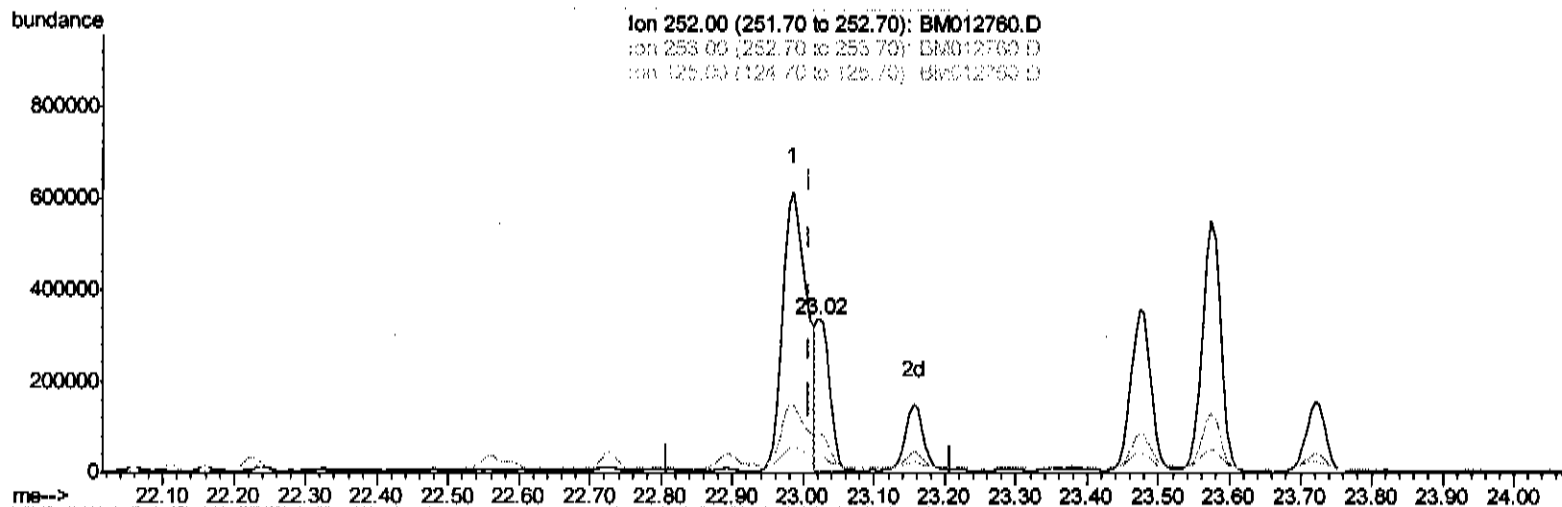
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(88) Benzo(k)fluoranthene

23.021min (+0.012) 10.56ng/ul m *SJ 11/11/17*

response 425500

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	25.07
125.00	10.20	10.53
0.00	0.00	0.00

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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	138952	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	581522	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	367542	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	755393	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	631787	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	693647	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	9383	3.65	ng/uL	0.00
5) Phenol-d5	6.99	99	266346	25.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	158691	28.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	238713	27.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	171007	19.16	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	127106	29.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	133084	27.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	263516	26.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	85785	8.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	851295	27.99	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1100385	29.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	55656	11.42	ng/ul	0.00
57) Fluorene-d10	15.44	176	781887	30.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	23294	4.67	ng/ul	0.00
70) Anthracene-d10	17.30	188	1104466	30.26	ng/ul	0.00
78) Pyrene-d10	19.59	212	980318	33.44	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.53	264	997402	30.41	ng/ul	0.02
Target Compounds						
					Ovalue	
4) Benzaldehyde	6.96	77	6764	1.23	ng/ul	86
6) Phenol	7.02	94	45091	4.25	ng/ul	95
44) Dimethylphthalate	13.90	163	488745	16.19	ng/ul	100
47) Acenaphthylene	14.17	152	171866	4.71	ng/ul	98
49) Acenaphthene	14.52	153	47402	1.91	ng/ul	99
56) Diethylphthalate	15.27	149	53502	1.83	ng/ul	99
58) Fluorene	15.50	166	68006	2.26	ng/ul	98
69) Phenanthrene	17.24	178	943396	22.85	ng/ul	99
71) Anthracene	17.33	178	324664	7.58	ng/ul	99
74) Carbazole	17.60	167	91744	2.57	ng/ul	96
75) Di-n-butylphthalate	18.16	149	205824	4.92	ng/ul	98
76) Fluoranthene	19.26	202	2008778	40.49	ng/ul#	93
79) Pyrene	19.62	202	1675637m	44.45	ng/ul	93
82) Benzo(a)anthracene	21.36	228	1021300	26.71	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.29	149	64293	3.21	ng/ul#	87
84) Chrysene	21.42	228	912713	26.34	ng/ul	98
87) Benzo(b)fluoranthene	22.99	252	1476775	34.84	ng/ul	95
88) Benzo(k)fluoranthene	23.02	252	425500m	10.56	ng/ul	95
90) Benzo(a)pyrene	23.57	252	1005090	24.92	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	26.00	276	787374	16.20	ng/ul#	87
92) Dibenzo(a,h)anthracene	26.00	278	210774	5.12	ng/ul#	88
93) Benzo(a,h,i)perylene	26.72	276	668767	16.70	ng/ul#	88

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Internal Standards	R.T.	QI on	Response	Conc	Units	Dev (Min)

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