

Quantitation Report (QT Reviewed)

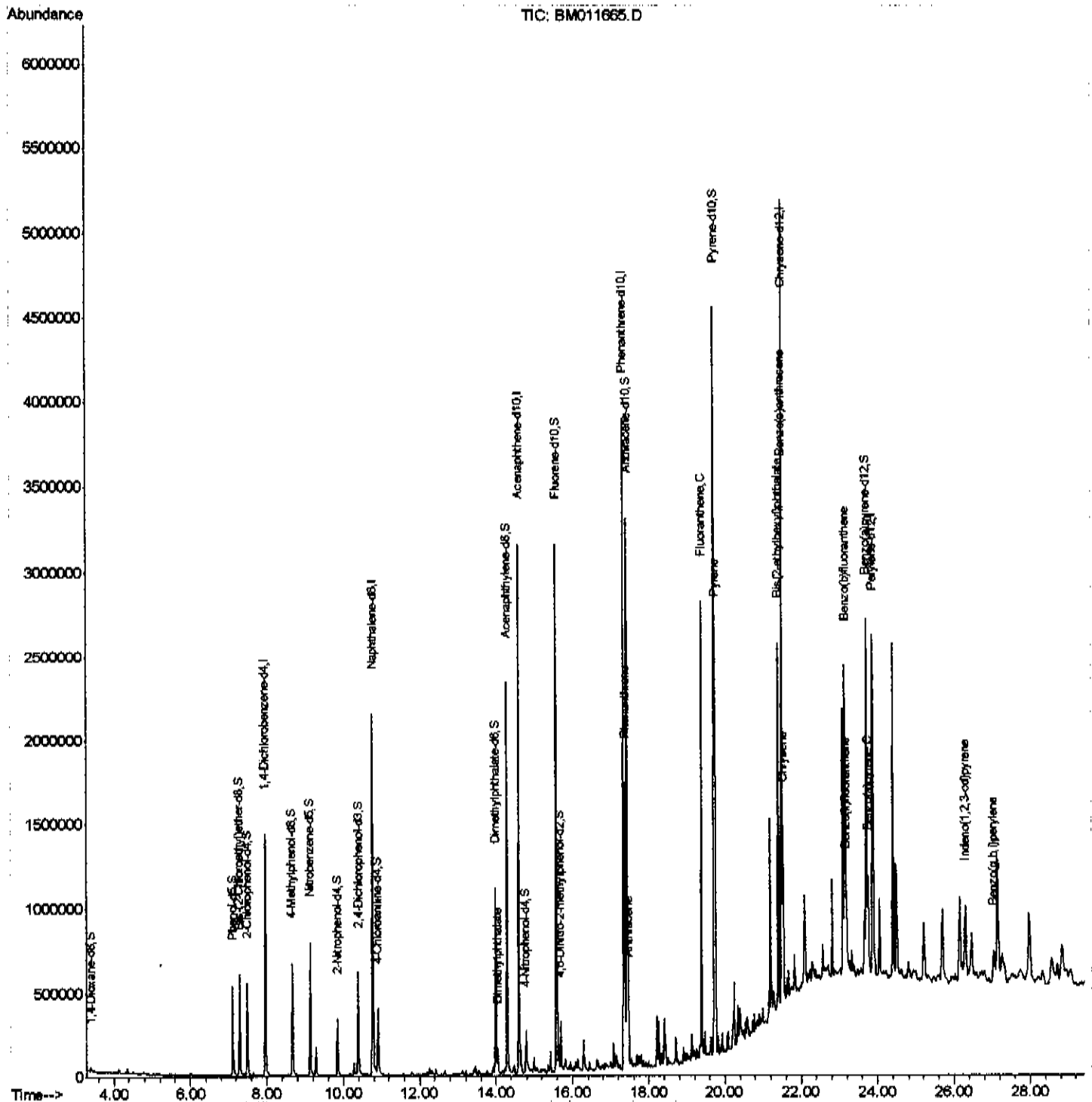
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011665.D
 Acq On : 21 Sep 2017 22:04
 Operator : SJ/JU
 Sample : I5283-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 CB3B4

Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:06:17 PM

Quant Time: Sep 22 08:20:03 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 03:47:29 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

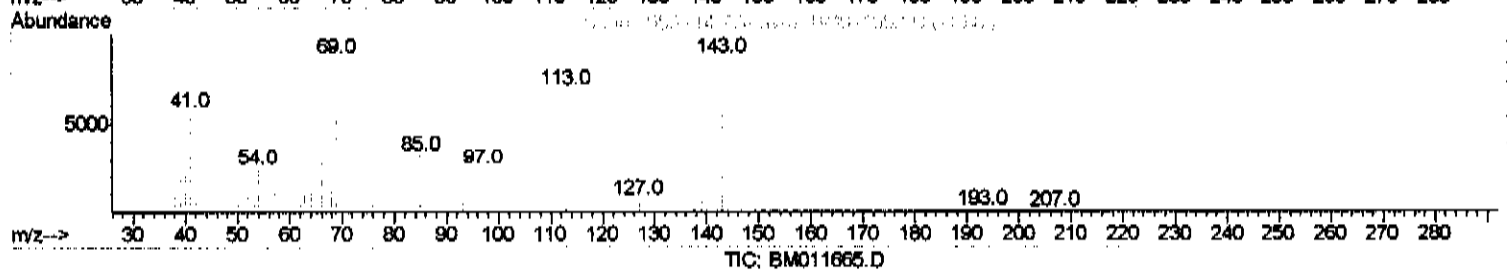
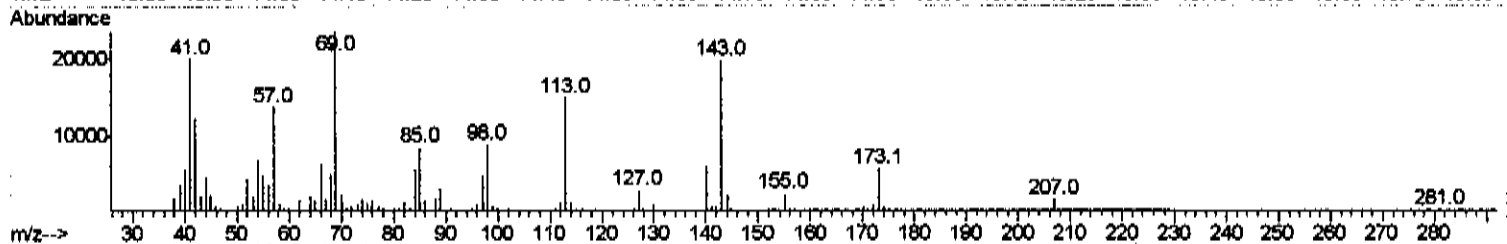
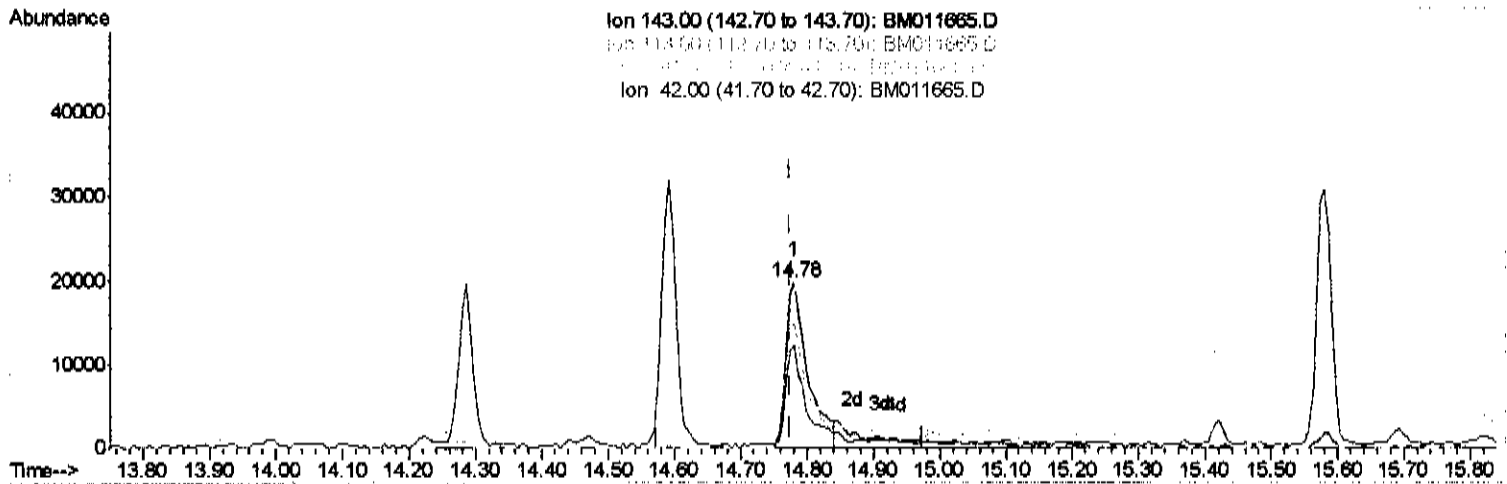
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(52) 4-Nitrophenol-d4 (S)

14.780min (+0.006) 2.96ng/ul

response 45482

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	75.98
41.00	32.60	100.85#
42.00	22.30	62.14#

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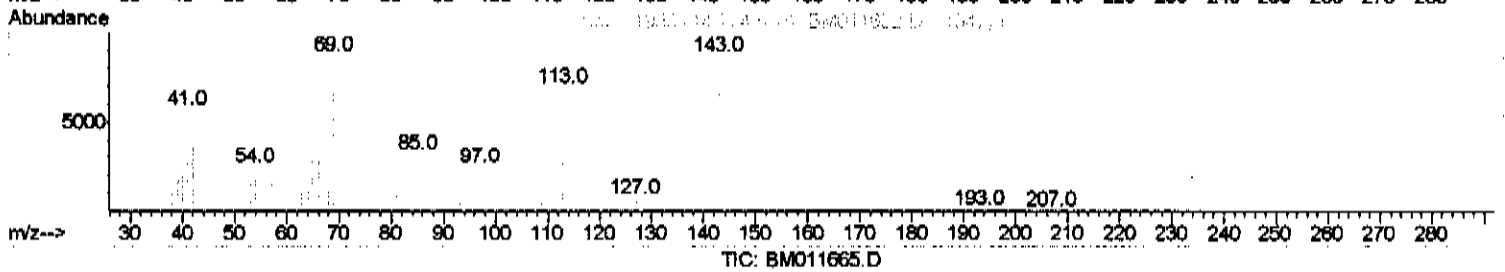
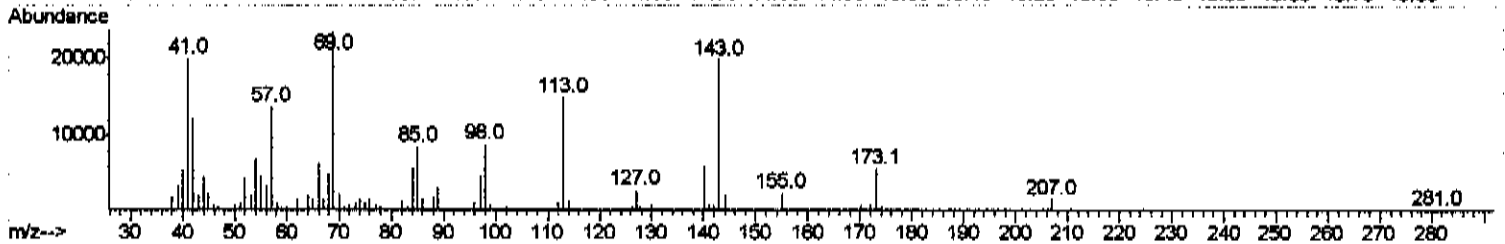
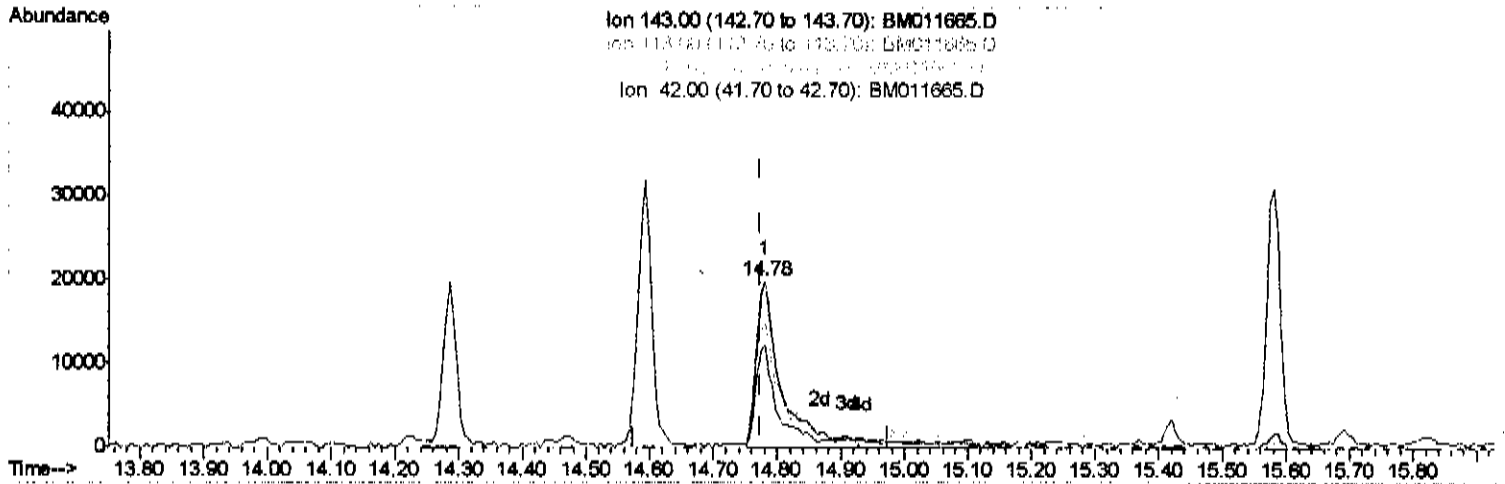
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(52) 4-Nitrophenol-d4 (S)

14.780min (+0.006) 3.50ng/ul m

response 53797

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	75.98
41.00	32.60	100.85#
42.00	22.30	62.14#

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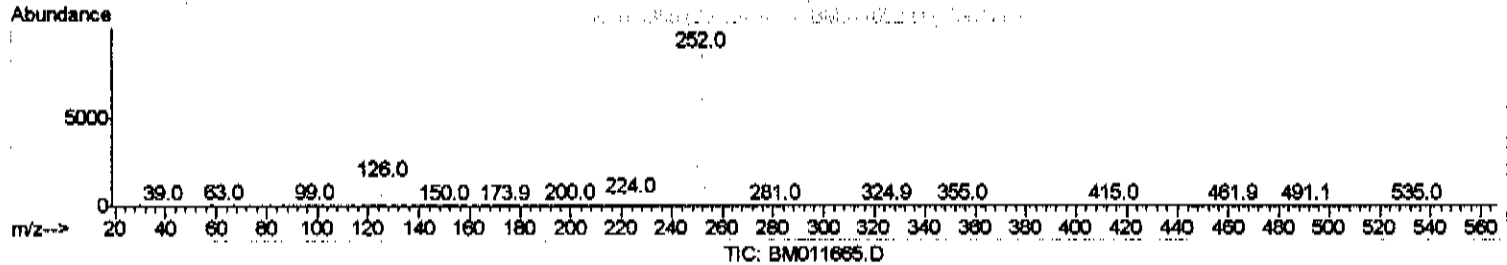
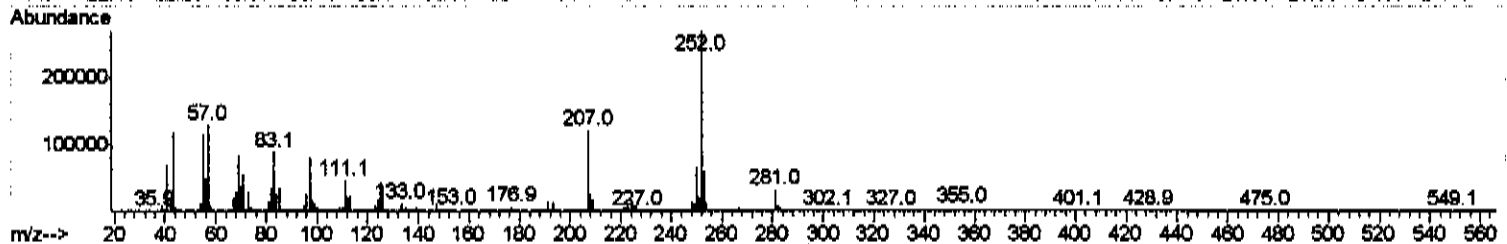
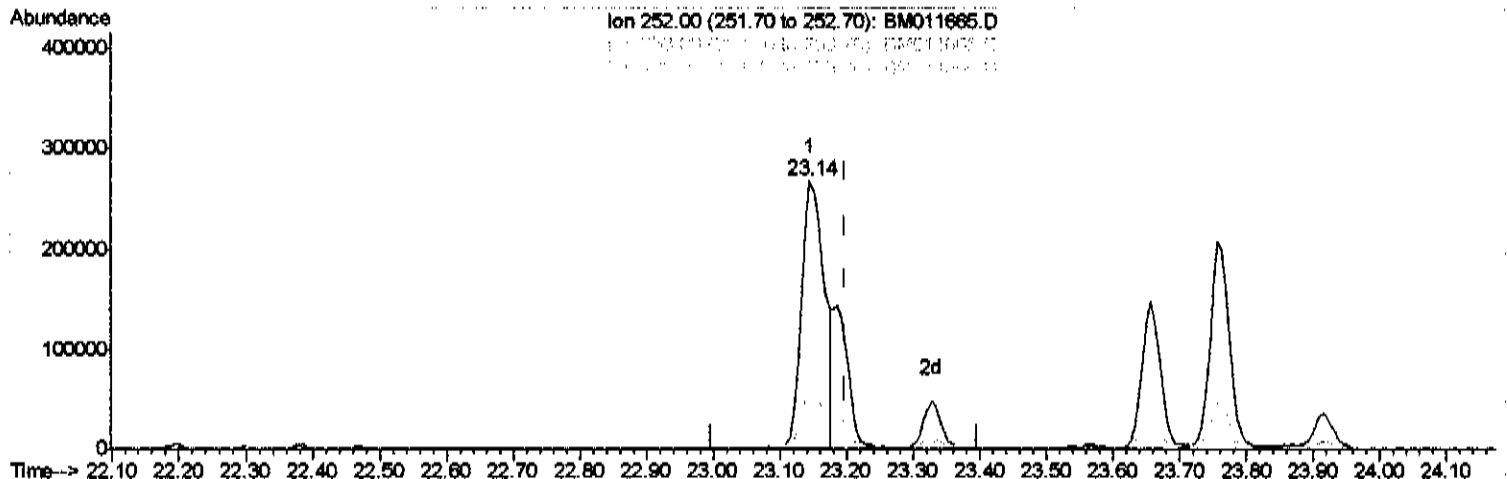
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(89) Benzo(k)fluoranthene
 23.144min (-0.053) 7.12ng/ul
 response 625309

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.04
125.00	6.70	16.39%
0.00	0.00	0.00

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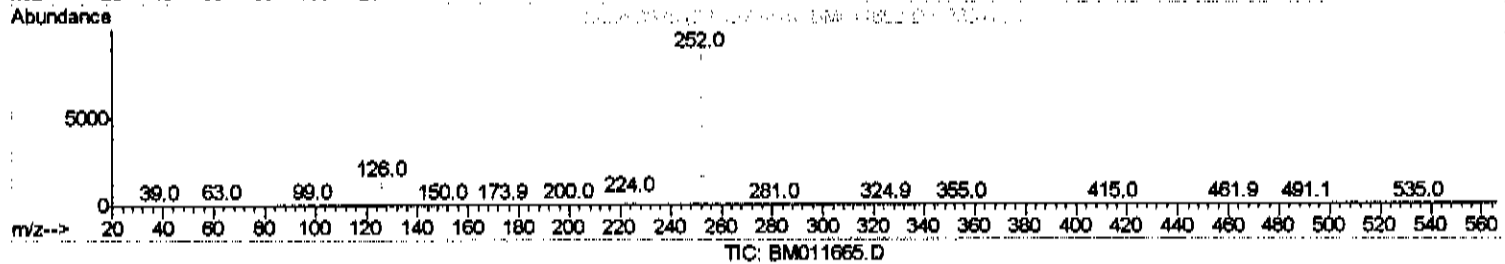
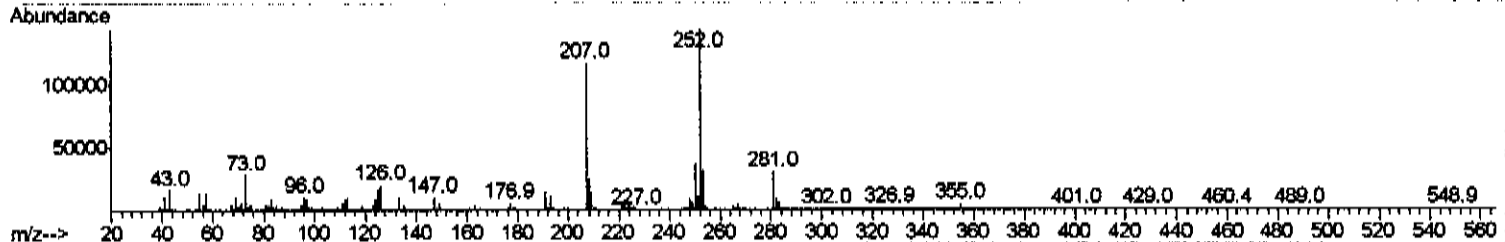
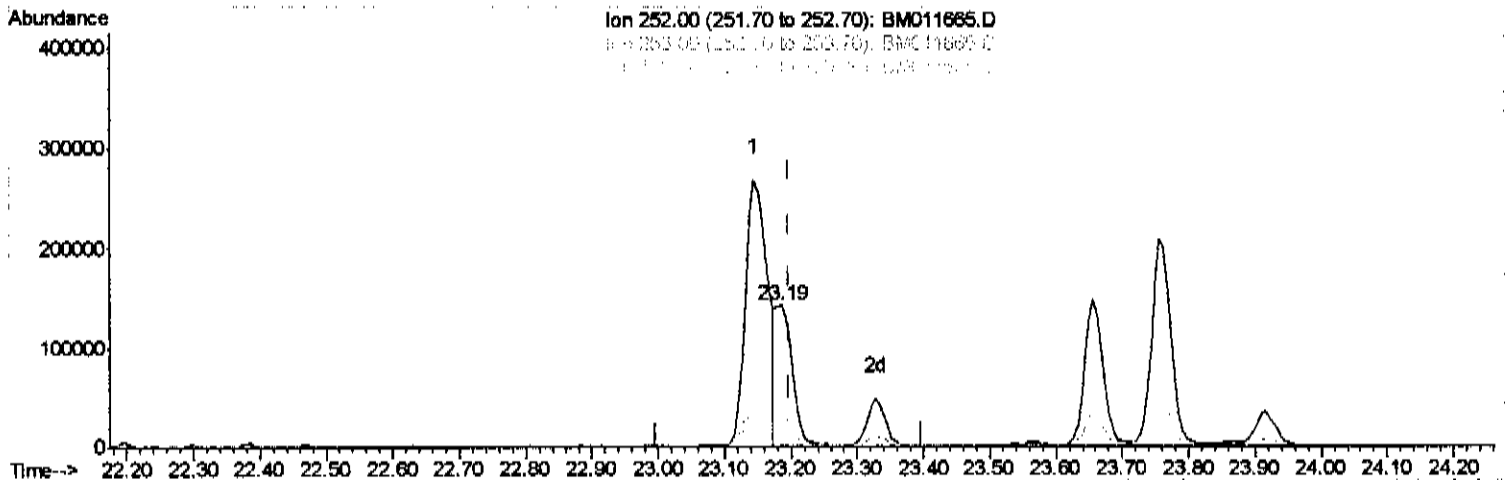
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(89) Benzo(k)fluoranthene

23.186min (-0.012) 2.73ng/ul m

response 239347

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.39
125.00	6.70	11.83%
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	7.96	152	369023	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	1707815	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	967365	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2089780	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1967485	20.00	ng/ul	0.00
86) Perylene-d12	23.86	264	1519369	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	12788	1.56	ng/uL	0.00
5) Phenol-d5	7.11	99	288681	8.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	300500	12.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	238331	8.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	249793	9.03	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	168669	13.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	97009	7.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	223425	8.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	212780	7.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	688963	8.42	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1593887	16.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	53797m	3.50	ng/ul	>0.00
58) Fluorene-d10	15.58	176	1195923	16.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	50700	4.17	ng/ul	0.00
71) Anthracene-d10	17.43	188	1786176	17.36	ng/ul	0.00
79) Pyrene-d10	19.72	212	1969131	21.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	1228051	16.96	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	14.04	163	83773	1.070	ng/ul# 98
70) Phenanthrene	17.37	178	926044	7.950	ng/ul 99
72) Anthracene	17.46	178	206638	1.729	ng/ul 99
77) Fluoranthene	19.38	202	1544079	12.888	ng/ul# 91
80) Pyrene	19.74	202	1343955	11.708	ng/ul# 88
83) Benzo(a)anthracene	21.48	228	656197	6.057	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	21.39	149	634740	7.829	ng/ul# 95
85) Chrysene	21.53	228	553172	5.633	ng/ul 99
88) Benzo(b)fluoranthene	23.14	252	625309	6.841	ng/ul# 93
89) Benzo(k)fluoranthene	23.19	252	239347m	2.727	ng/ul > 95
91) Benzo(a)pyrene	23.76	252	405785	4.703	ng/ul# 95
92) Indeno(1,2,3-cd)pyrene	26.29	276	256862	2.706	ng/ul# 90
94) Benzo(a,h,i)perylene	27.04	276	254420	3.310	ng/ul# 91

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