

Quantitation Report (QT Reviewed)

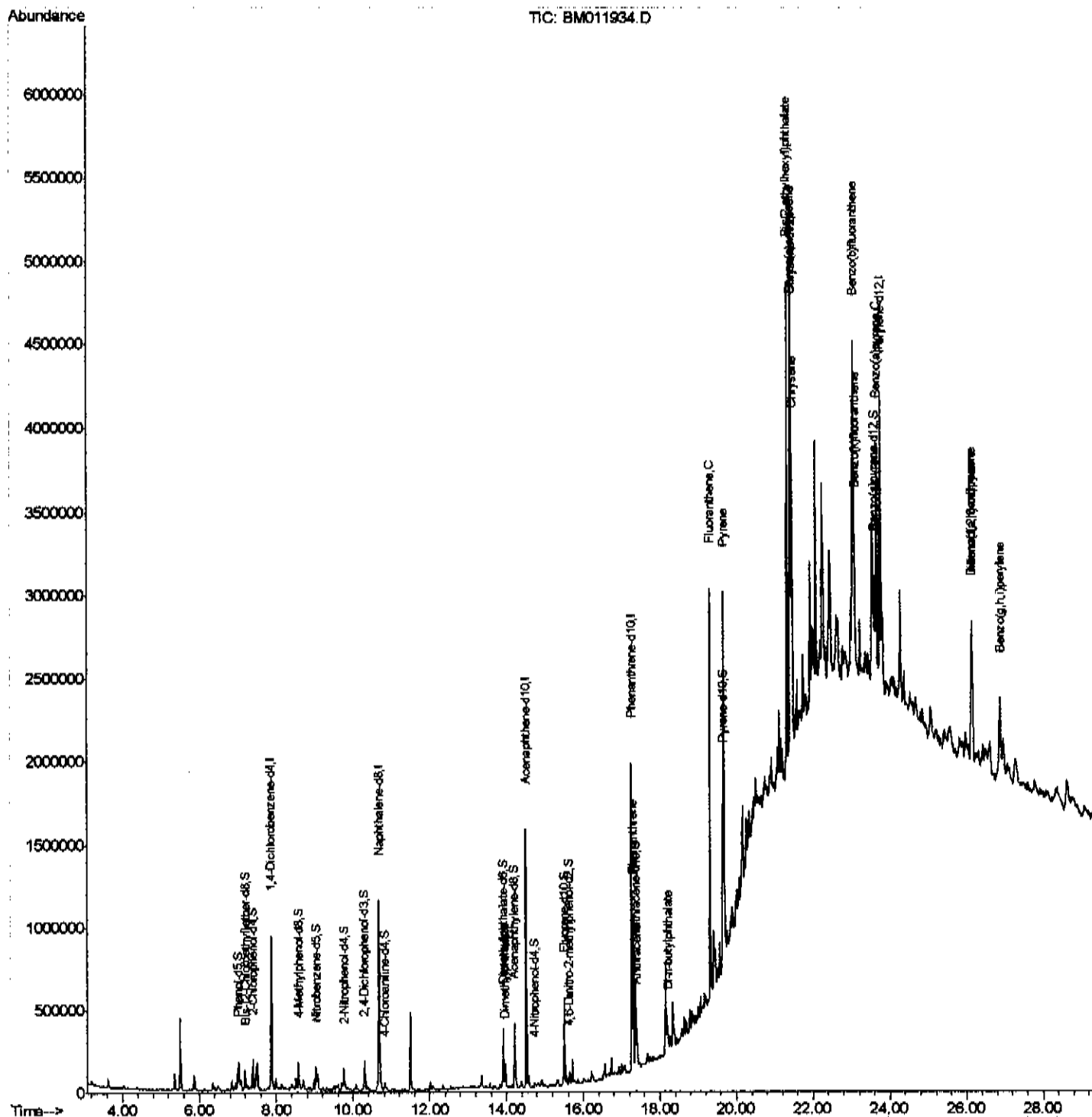
Data Path : Z:\HPCHEM1\BNA_M\Data\BM100517\
 Data File : BM011934.D
 Acq On : 05 Oct 2017 20:45
 Operator : SJ/JU
 Sample : I5449-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 B-41(0-1)-092617

Manual Integrations
 APPROVED

Sohil
 10/6/2017 5:37:03 PM

Quant Time: Oct 06 16:59:47 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 06 04:40:59 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

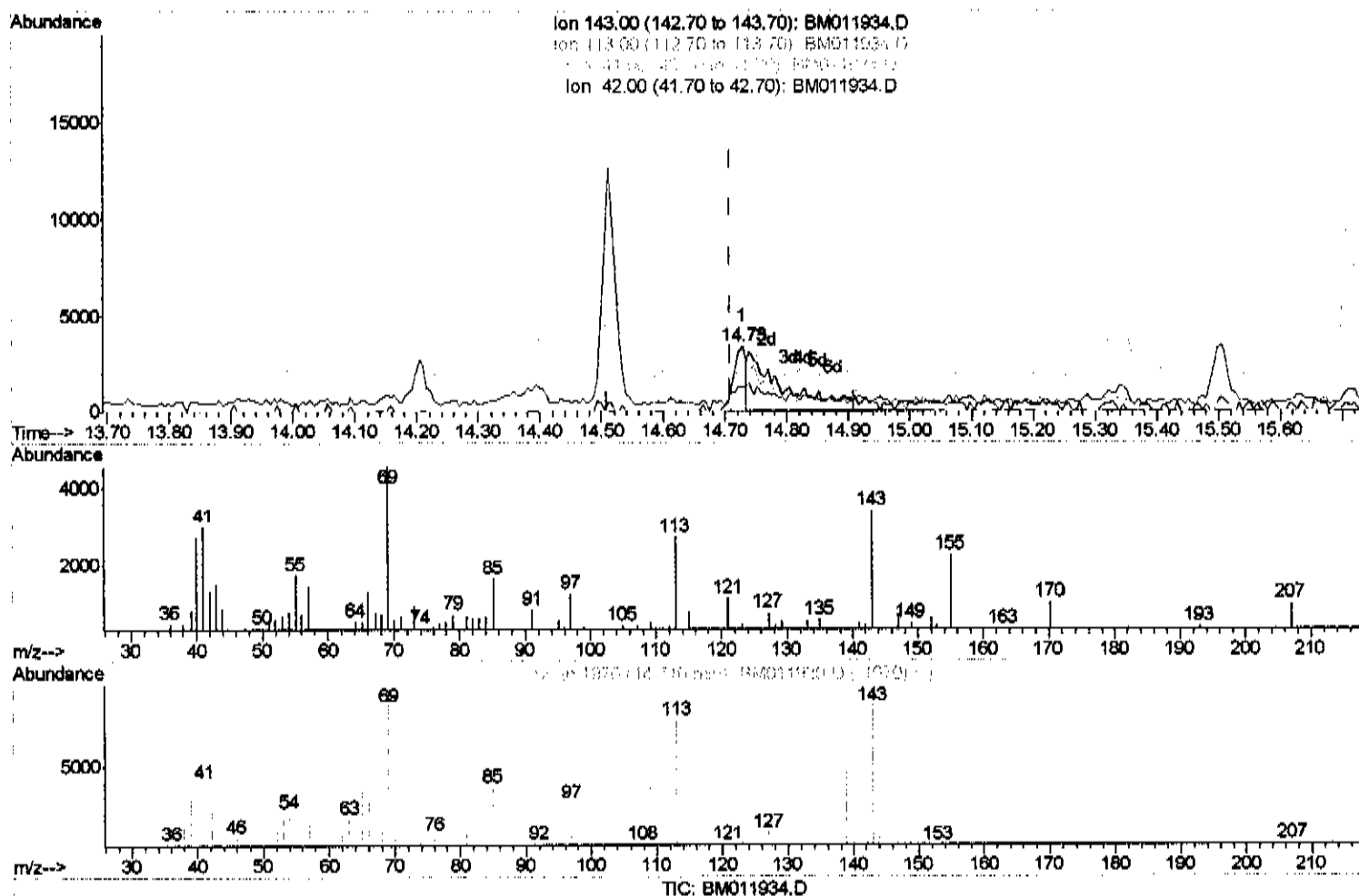
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(51) 4-Nitrophenol-d4 (S)

14.727min (+0.018) 0.63ng/ul

response 4791

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	79.79#
41.00	34.80	88.22#
42.00	20.50	37.97#

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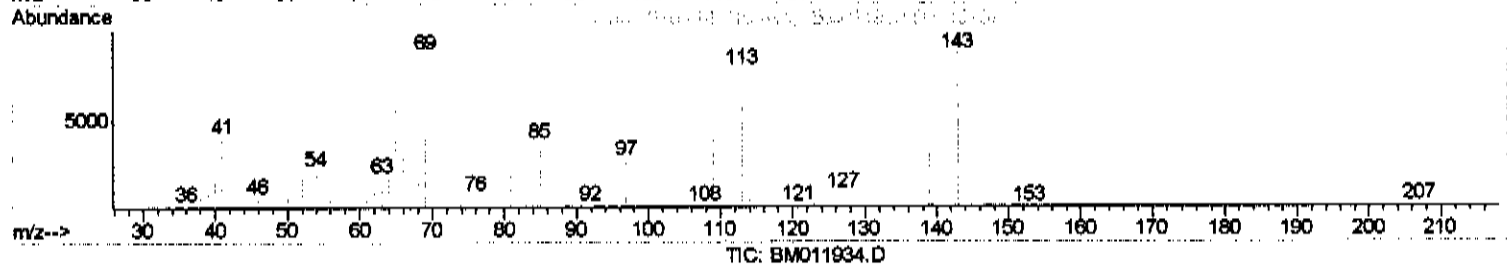
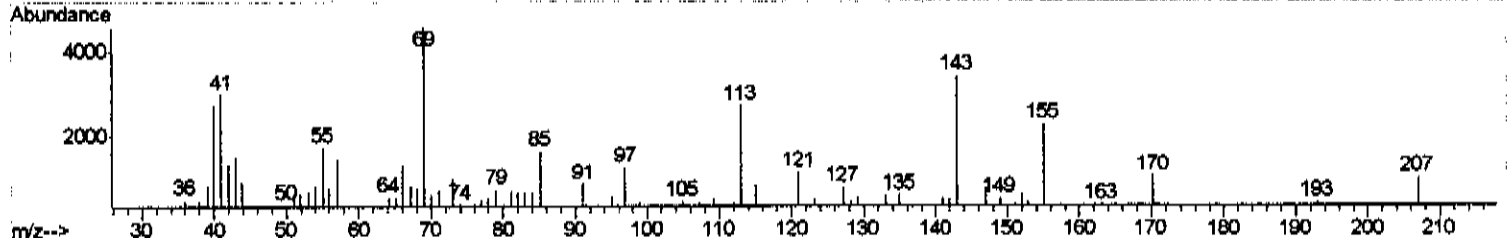
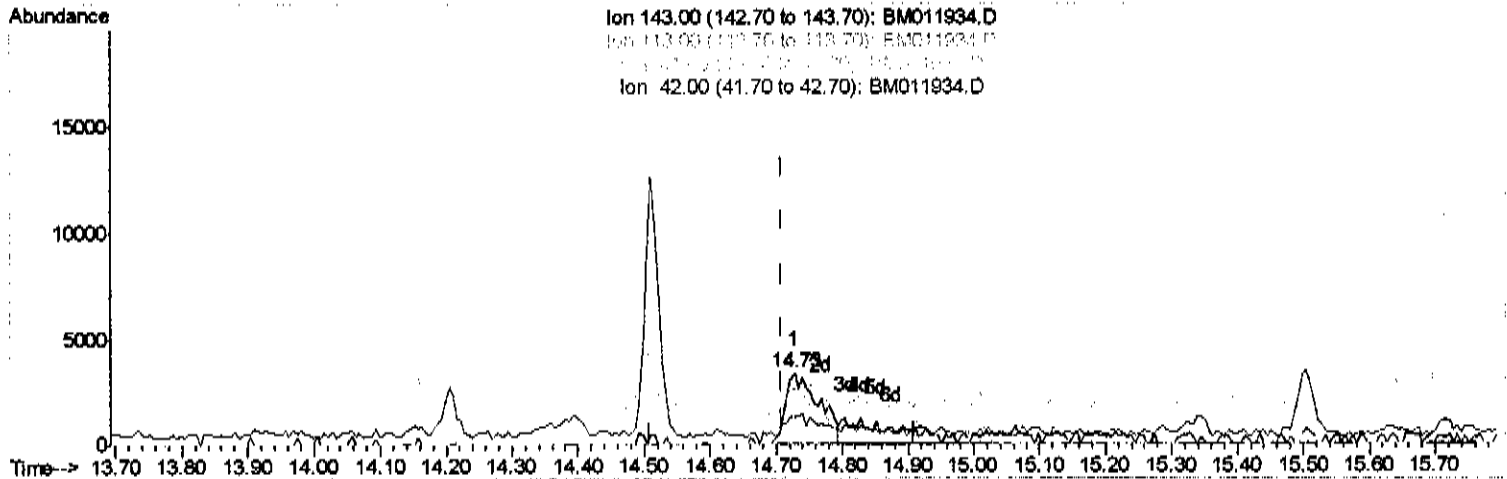
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(51) 4-Nitrophenol-d4 (S)

14.727min (+0.016) 1.55ng/ul m

response 11757

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	79.79#
41.00	34.80	88.22#
42.00	20.50	37.97#

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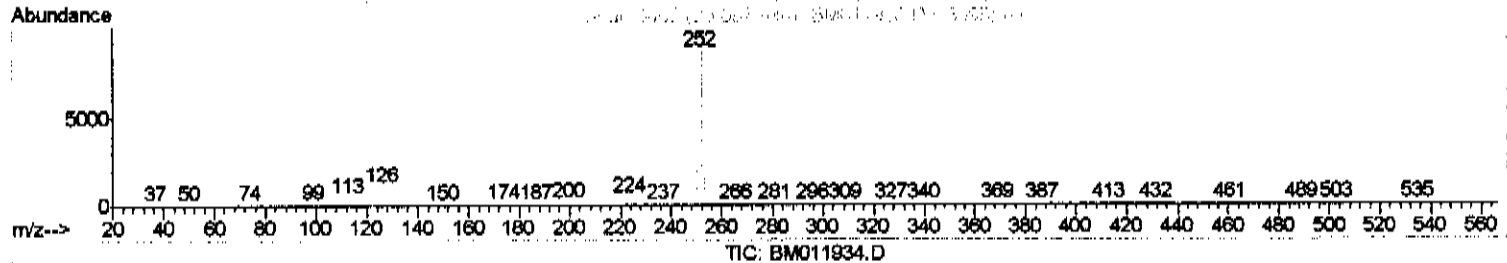
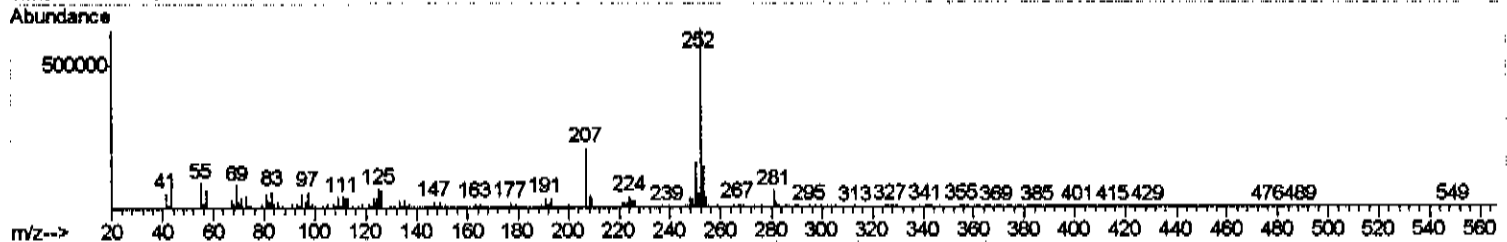
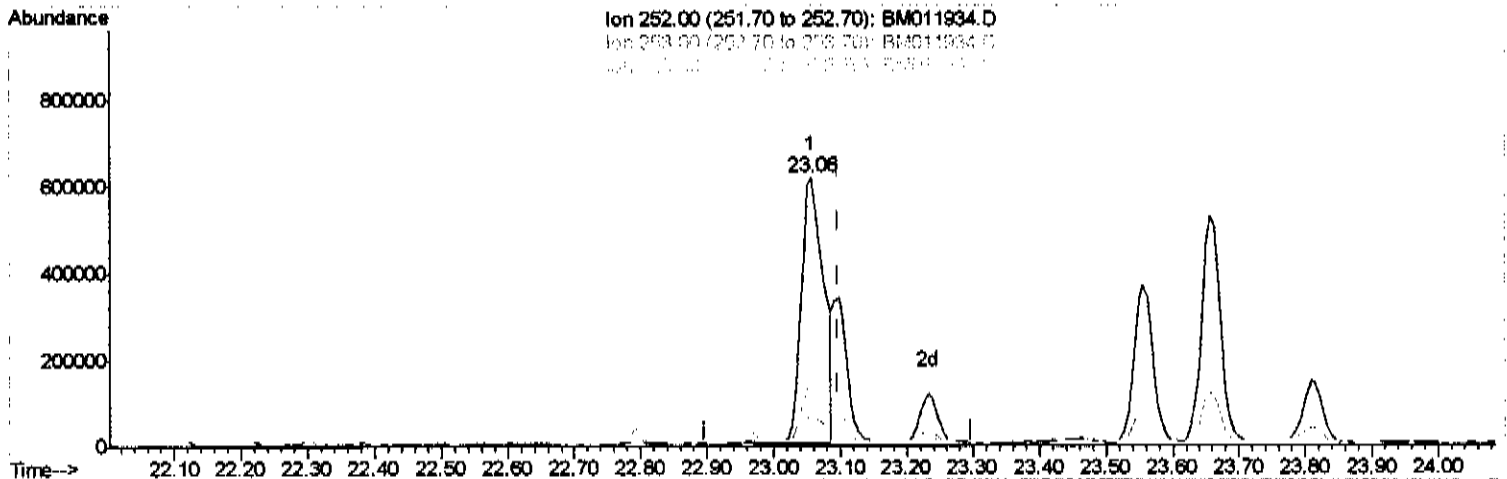
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(86) Benzo(k)fluoranthene

23.056min (-0.041) 18.10ng/ul

response 1460218

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.19
125.00	4.30	10.76#
0.00	0.00	0.00

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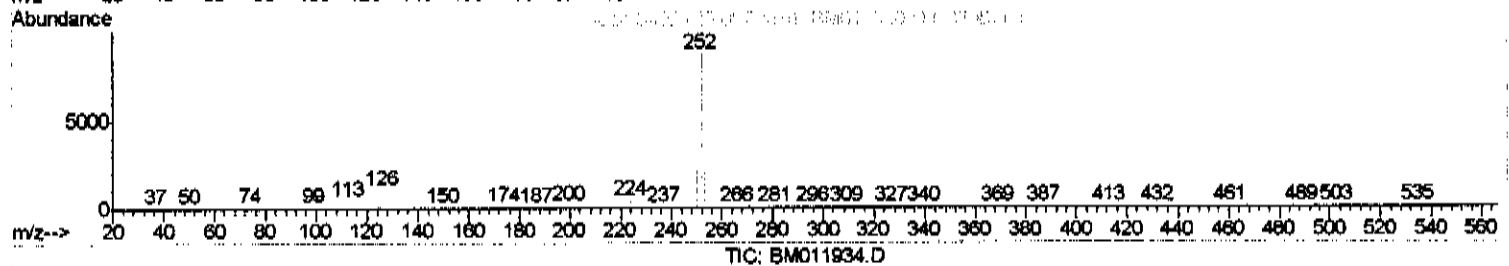
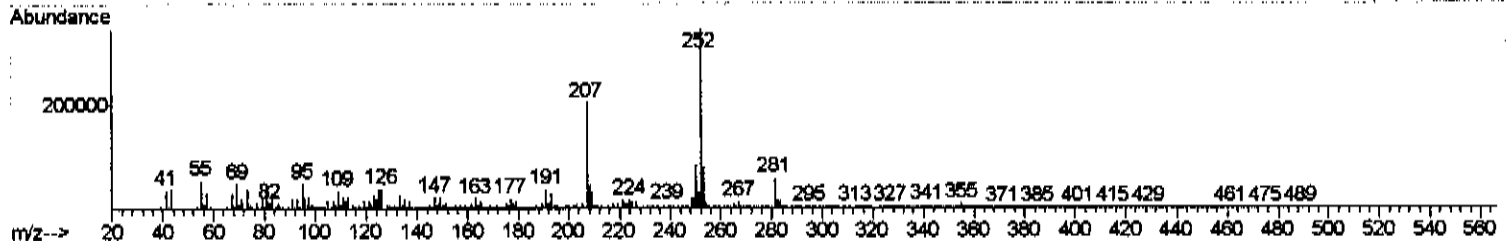
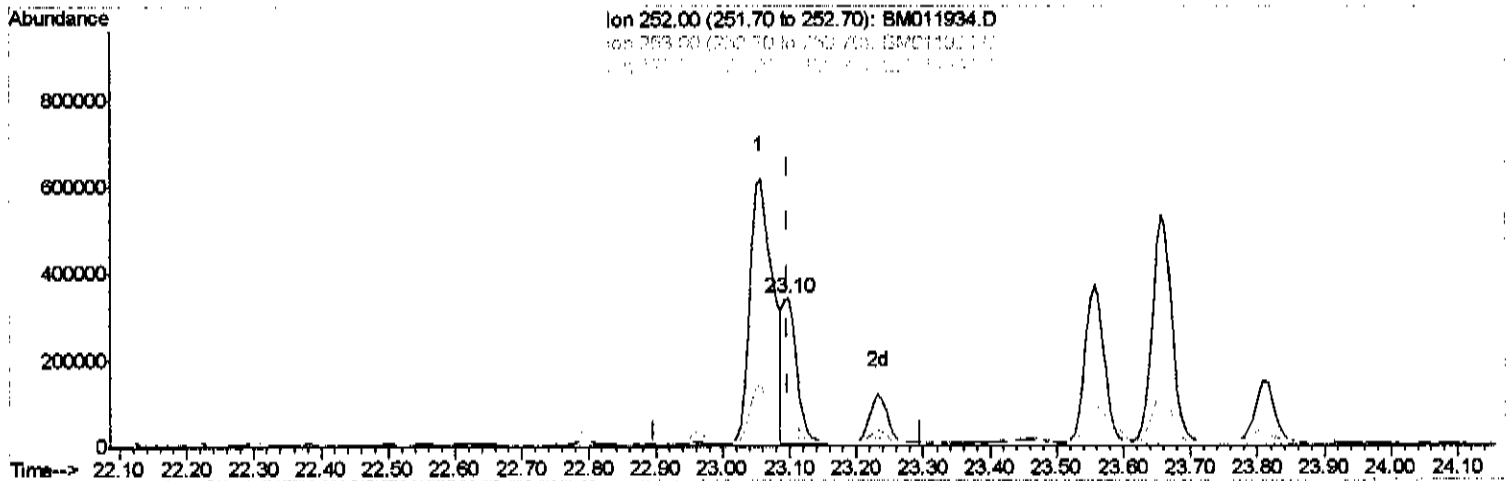
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(66) Benzo(k)fluoranthene

23.097min (+0.000) 6.12ng/ul m

response 493772

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.66
125.00	4.30	11.11#
0.00	0.00	0.00

SJ 10/9/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	249978	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	953111	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	500327	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1066257	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1191660	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1329654	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	5202	0.98	ng/uL	0.00
5) Phenol-d5	7.03	99	84705	3.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	57173	4.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	82827	4.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	68158	3.67	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	34945	5.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	37680	4.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	74282	4.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	28755	1.71	ng/ul	0.01
43) Dimethylphthalate-d6	13.92	166	235689	5.44	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	269924	5.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	11757m	1.55	ng/ul	0.02
57) Fluorene-d10	15.50	176	195741	5.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	18160	2.53	ng/ul	0.00
70) Anthracene-d10	17.35	188	302396	5.76	ng/ul	0.00
76) Pyrene-d10	19.64	212	345241	6.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	357231	5.58	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.96	163	93921	2.251	ng/ul	99
69) Phenanthrene	17.30	178	535869	9.137	ng/ul	99
71) Anthracene	17.39	178	144850	2.427	ng/ul	97
73) Di-n-butylphthalate	18.21	149	65745	1.061	ng/ul#	93
74) Fluoranthene	19.31	202	1449747	20.259	ng/ul#	91
77) Pyrene	19.67	202	1363321	20.633	ng/ul#	91
80) Benzo(a)anthracene	21.42	228	962886	14.105	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.33	149	1004026	26.075	ng/ul	98
82) Chrysene	21.46	228	917648	14.147	ng/ul	95
85) Benzo(b)fluoranthene	23.06	252	1460218	18.067	ng/ul#	95
86) Benzo(k)fluoranthene	23.10	252	493772m	6.120	ng/ul	95
88) Benzo(a)pyrene	23.66	252	1027989	13.237	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.14	276	757551	9.116	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.14	278	188973	2.767	ng/ul#	78
91) Benzo(g,h,i)perylene	26.87	276	674368	9.810	ng/ul#	91

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