

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003645.D
Acq On : 20 Dec 2015 07:25
Operator : UM/SJ
Sample : G4801-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 21 08:00:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 07:26:15 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
G9C65

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	43854	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	198005	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.36	164	128327	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.12	188	269052m	20.00	ng/ul	0.02
78) Chrysene-d12	21.33	240	253605	20.00	ng/ul	0.03
86) Perylene-d12	23.57	264	252583	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	1269	1.56	ng/uL	0.00
5) Phenol-d5	6.87	99	35176	9.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	25533	12.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	33053	10.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	16171	5.05	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	21540	15.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	19723	12.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	32543	11.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	70375m	17.92	ng/ul	-0.02
44) Dimethylphthalate-d6	13.77	166	115642	10.90	ng/ul	0.01
47) Acenaphthylene-d8	14.06	160	145460	12.05	ng/ul	0.02
52) 4-Nitrophenol-d4	14.58	143	29626	14.34	ng/ul	0.02
58) Fluorene-d10	15.37	176	107748	12.28	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.47	200	914	0.60	ng/ul	0.00
71) Anthracene-d10	17.23	188	171780	14.03	ng/ul	0.03
79) Pyrene-d10	19.53	212	184225	16.63	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.43	264	167999	13.39	ng/ul	0.03

Target Compounds

						Qvalue
28) Naphthalene	10.57	128	5302138	519.74	ng/ul	98
34) 2-Methylnaphthalene	12.20	142	4103192	538.58	ng/ul	100
35) 1-Methylnaphthalene	12.43	142	3717023	513.63	ng/ul	100
41) 1,1'-Biphenyl	13.19	154	181192	17.38	ng/ul	99
45) Dimethylphthalate	13.82	163	70955	6.54	ng/ul	96
48) Acenaphthylene	14.09	152	1461695	110.71	ng/ul#	90
50) Acenaphthene	14.44	153	1735181	196.78	ng/ul	98
54) Dibenzofuran	14.76	168	388737	30.89	ng/ul#	77
59) Fluorene	15.43	166	1693147	167.60	ng/ul	96
70) Phenanthrene	17.20	178	6699582m	450.15	ng/ul	
72) Anthracene	17.27	178	2327202	153.32	ng/ul	98
77) Fluoranthene	19.21	202	2773944	162.14	ng/ul	95
80) Pyrene	19.59	202	5306136	363.55	ng/ul#	93
83) Benzo(a)anthracene	21.31	228	1839955	120.36	ng/ul#	83
85) Chrysene	21.37	228	1893227	128.42	ng/ul#	92
88) Benzo(b)fluoranthene	22.91	252	1291385m	84.80	ng/ul	
89) Benzo(k)fluoranthene	22.93	252	338984m	23.50	ng/ul	
91) Benzo(a)pyrene	23.49	252	1447840	99.41	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.86	276	518706	33.09	ng/ul	95
93) Dibenzo(a,h)anthracene	25.85	278	194596	14.80	ng/ul#	85
94) Benzo(g,h,i)perylene	26.56	276	565924	43.95	ng/ul	99

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Quantitation Report (Qedit)

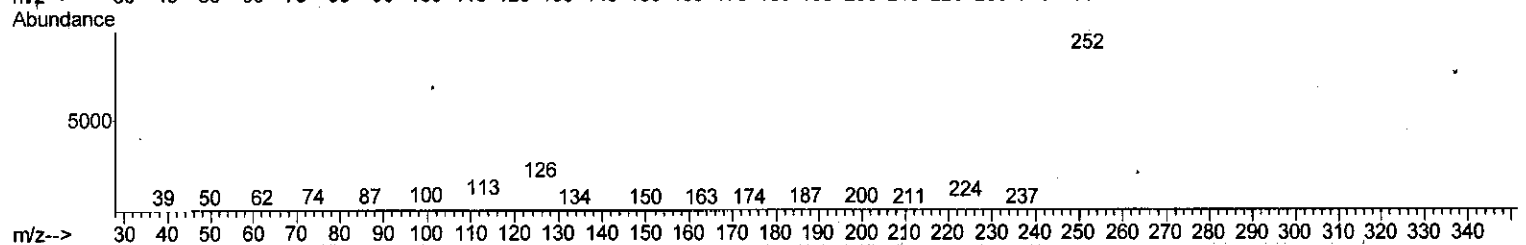
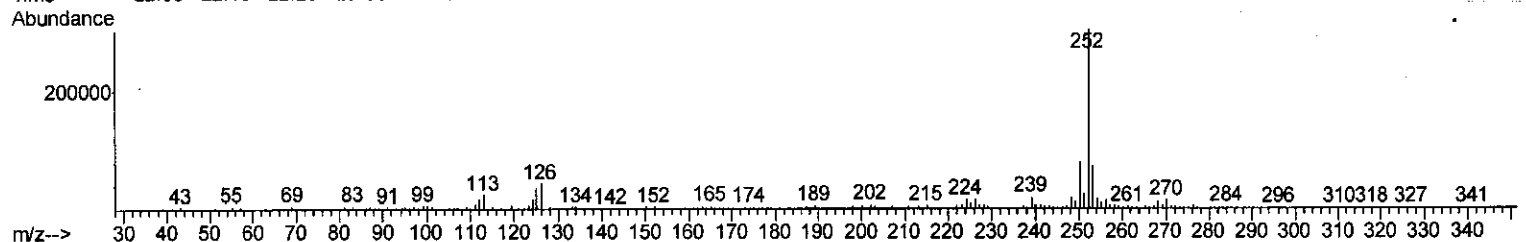
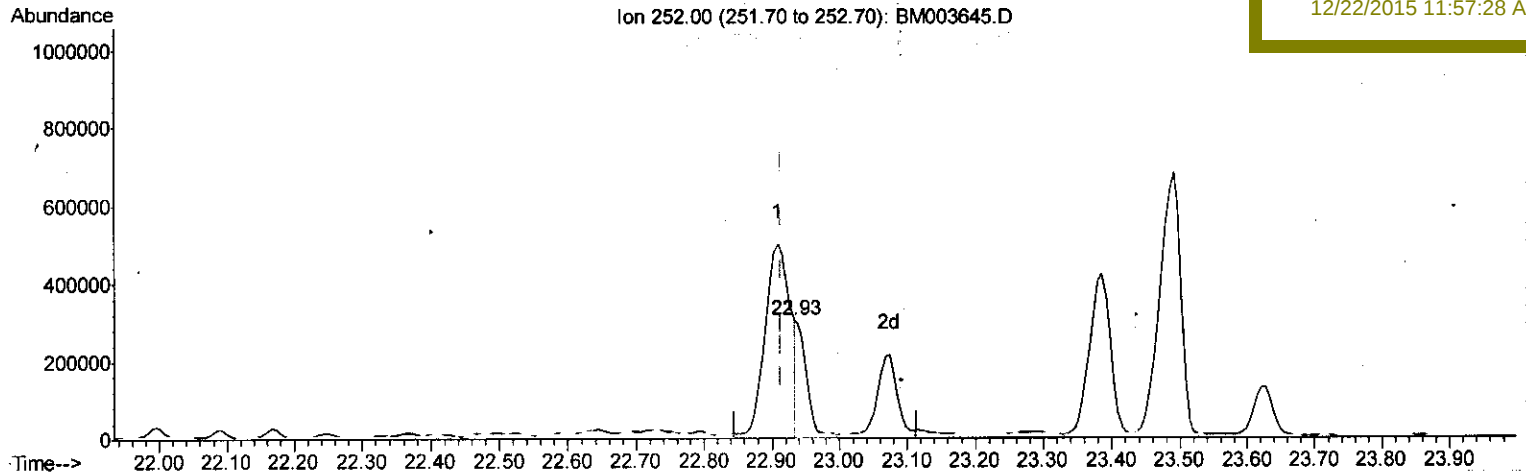
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TIC: BM003645.D

(89) Benzo(k)fluoranthene

22.933min (+0.018) 23.50ng/ul m

response 338984

Ion Exp% Act%

252.00	100	100
253.00	21.60	24.30
125.00	10.20	11.63
0.00	0.00	0.00

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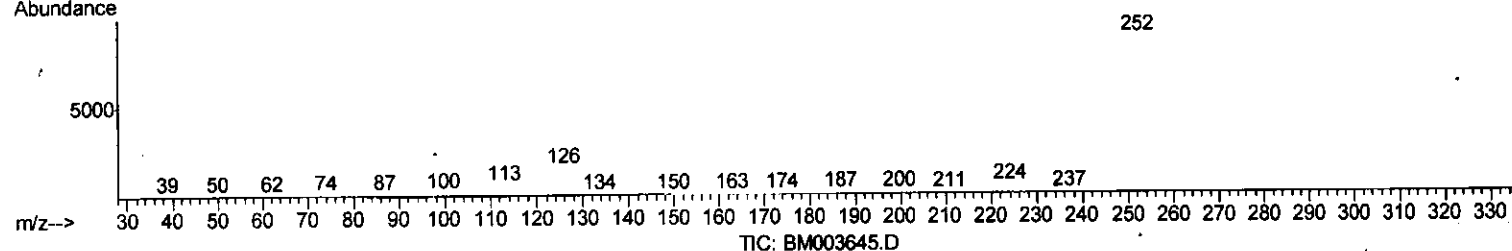
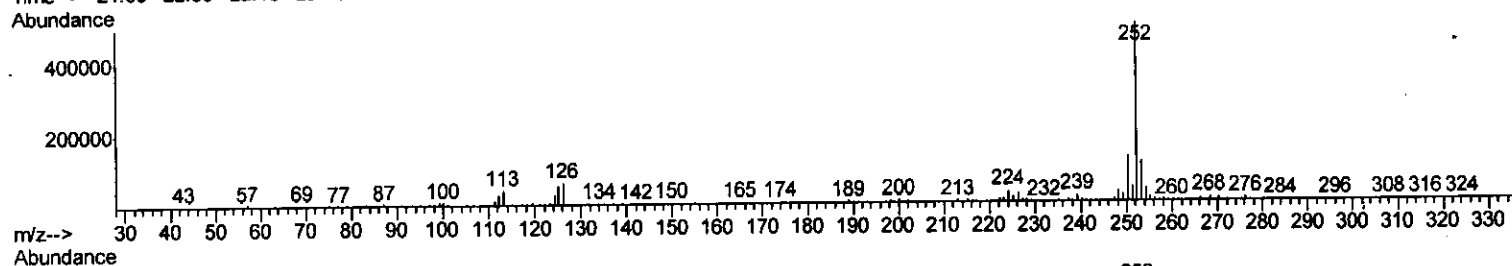
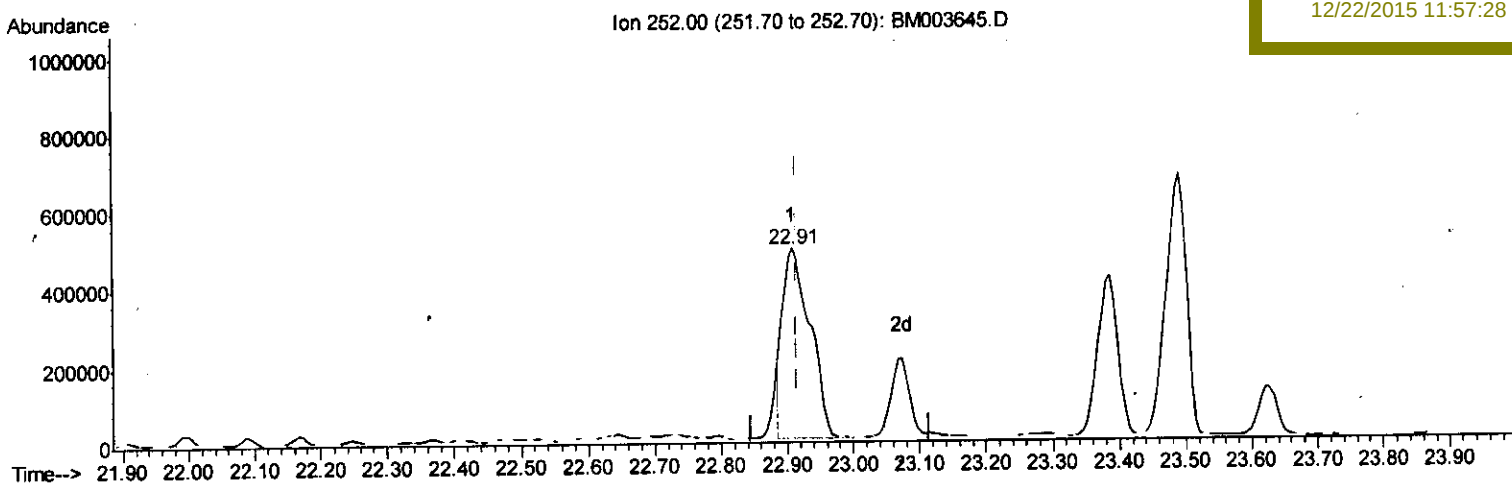
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(89) Benzo(k)fluoranthene

22.909min (-0.006) 97.20ng/ul

response 1402258

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.93
125.00	10.20	11.30
0.00	0.00	0.00

Quantitation Report (Qedit)

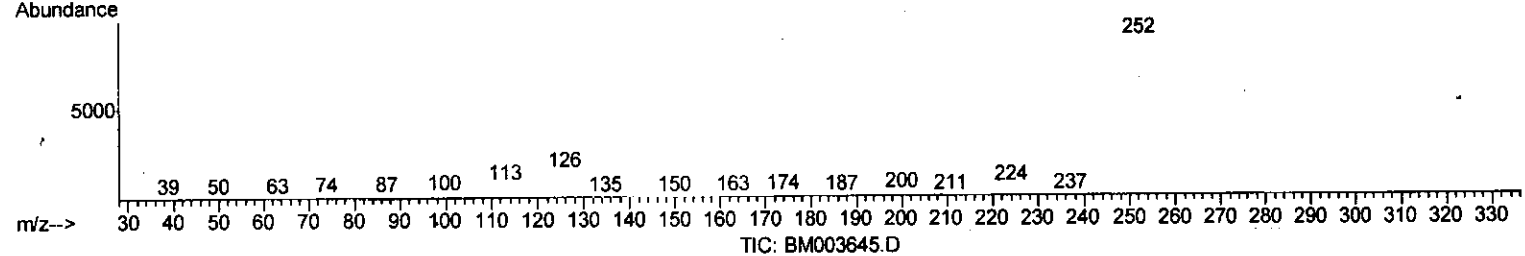
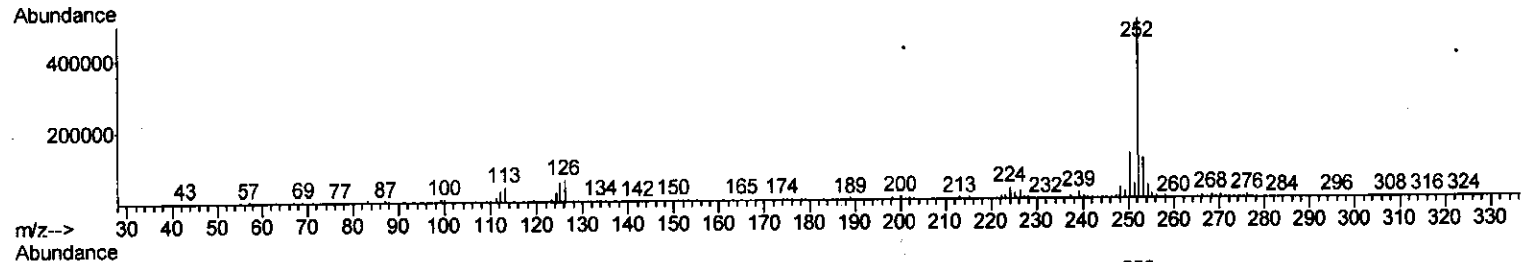
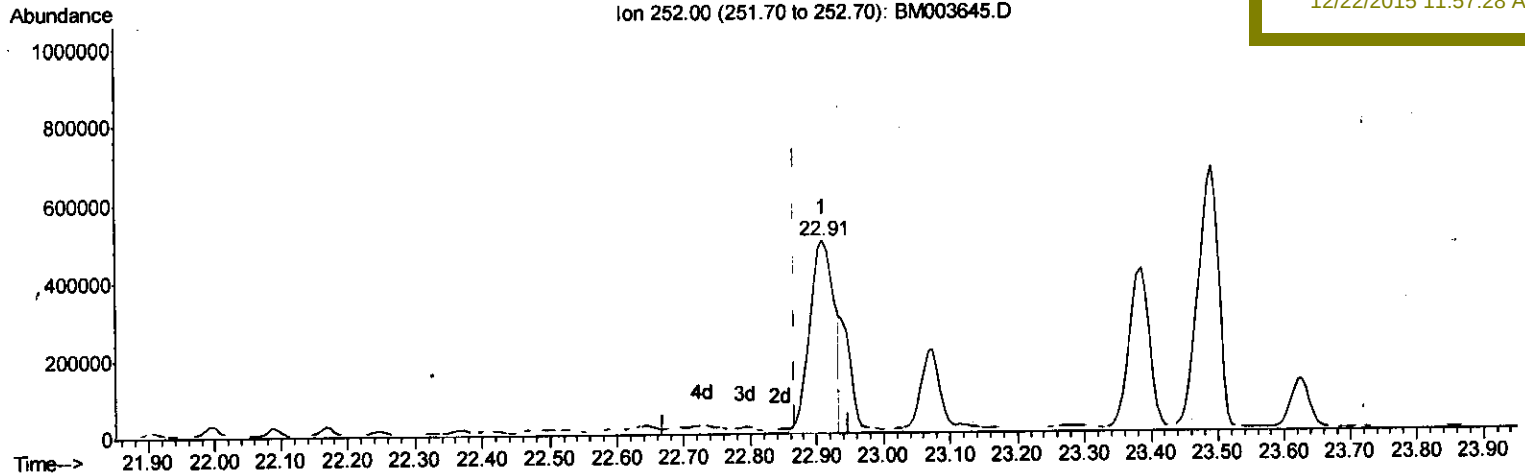
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(88) Benzo(b)fluoranthene

22.909min (+0.041) 84.80ng/ul m

response 1291385

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.93
125.00	10.60	11.30
0.00	0.00	0.00

U. m
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Quantitation Report (Qedit)

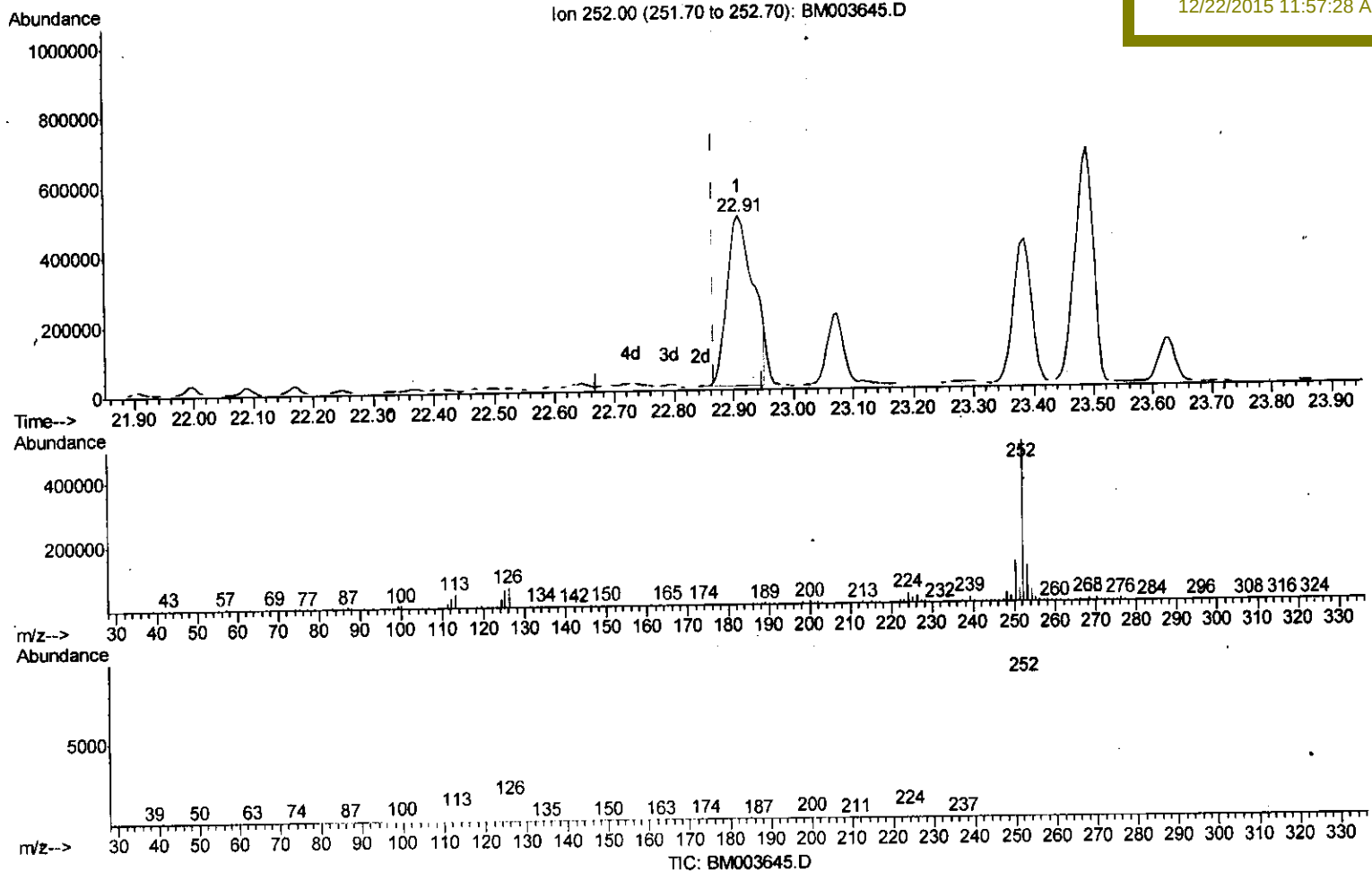
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(88) Benzo(b)fluoranthene

22.909min (+0.041) 97.92ng/ul

response 1491078

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.93
125.00	10.60	11.30
0.00	0.00	0.00

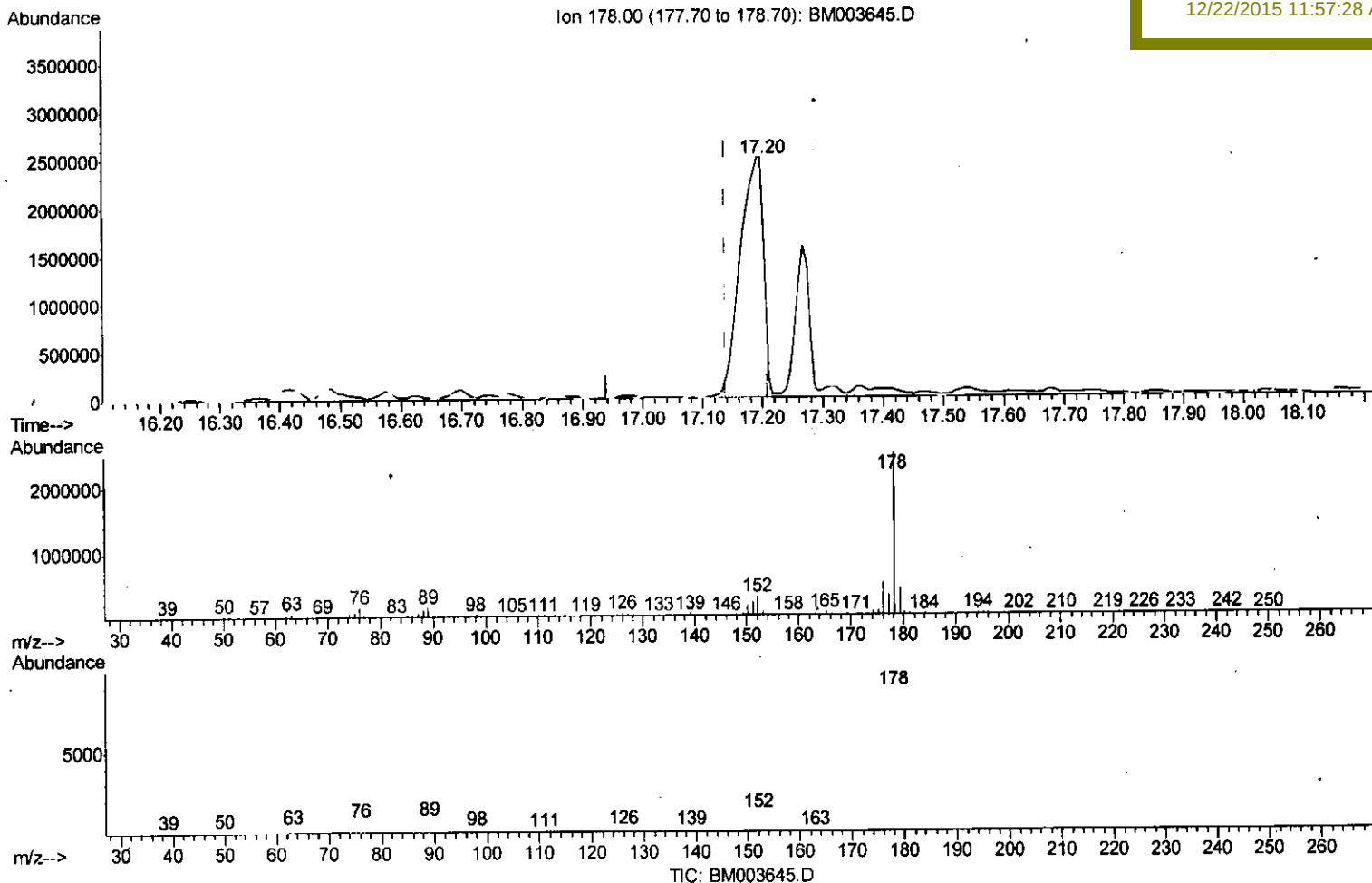
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(70) Phenanthrene

17.198min (+0.059) 450.15ng/ul m

response 6699582

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	16.45
176.00	19.50	20.12
0.00	0.00	0.00

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Quantitation Report (Qedit)

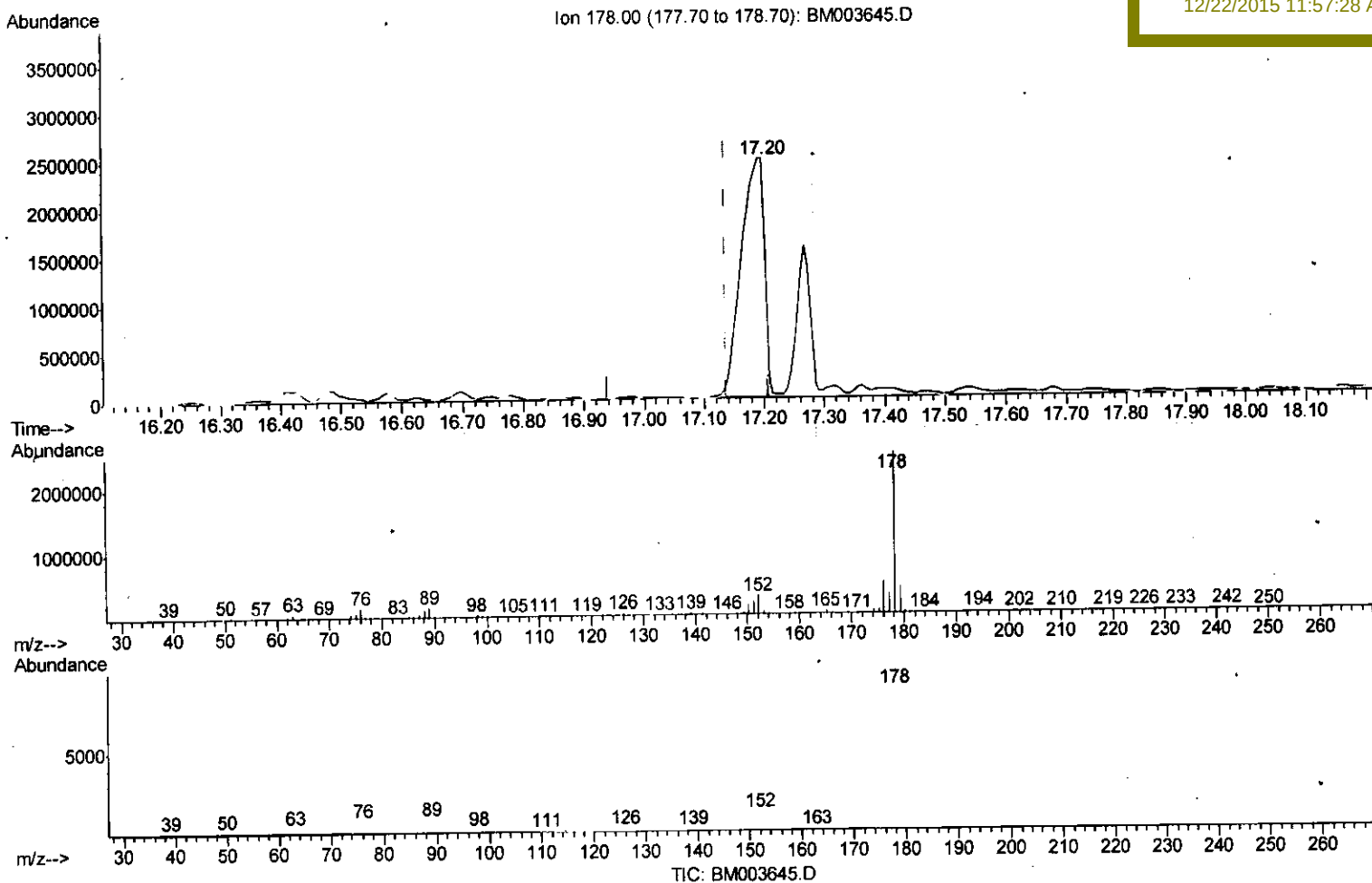
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(70) Phenanthrene

17.198min (+0.059) 444.86ng/ul

response 6620831

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	16.45
176.00	19.50	20.12
0.00	0.00	0.00

Quantitation Report (Qedit)

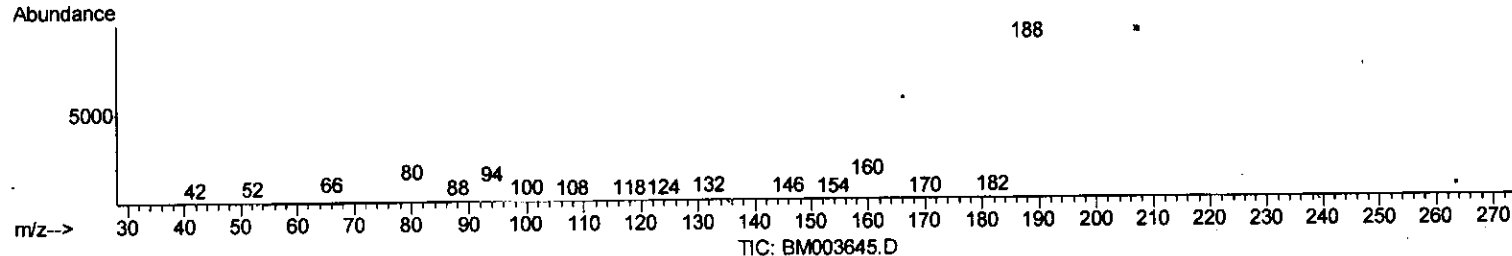
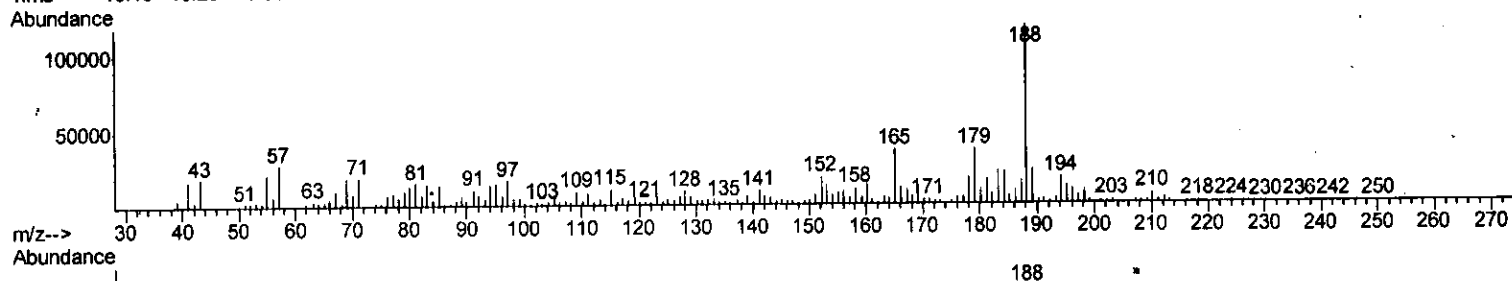
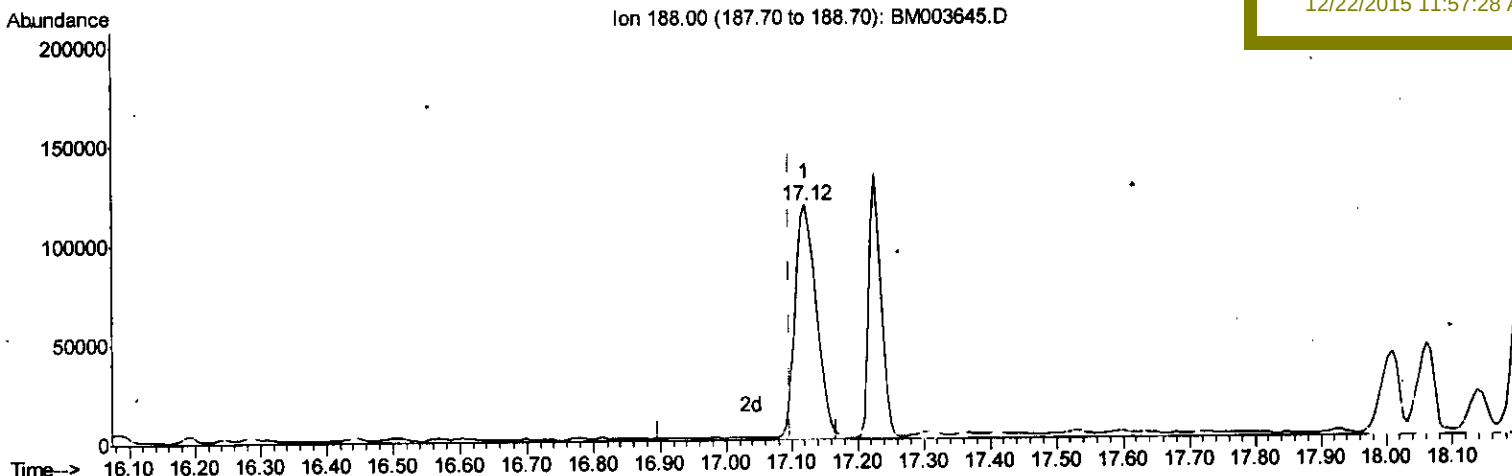
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(62) Phenanthrene-d10 (I)

17.121min (+0.023) 20.00ng/ul m

response 269052

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	11.65#
80.00	9.70	11.10
0.00	0.00	0.00

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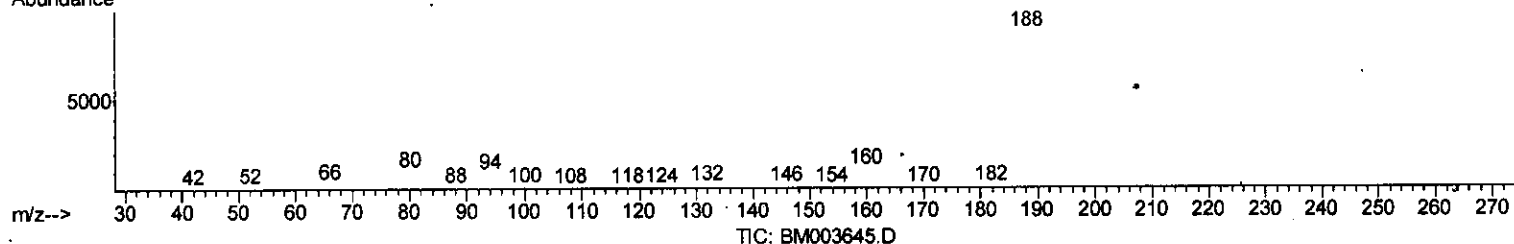
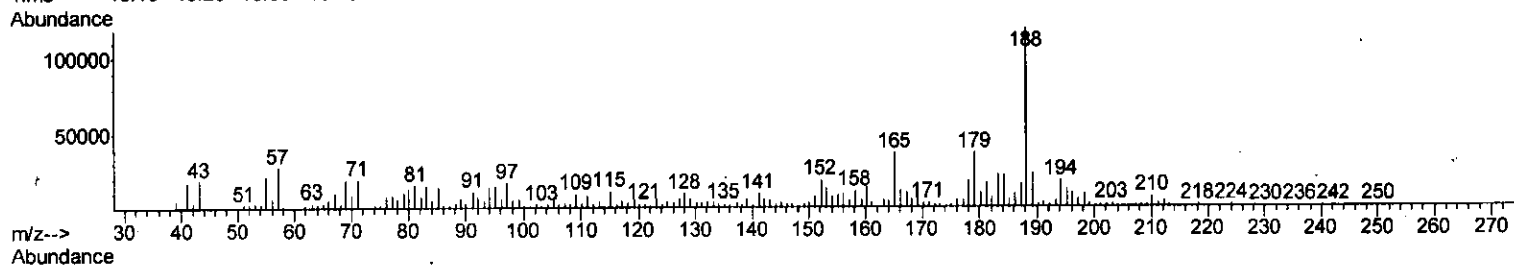
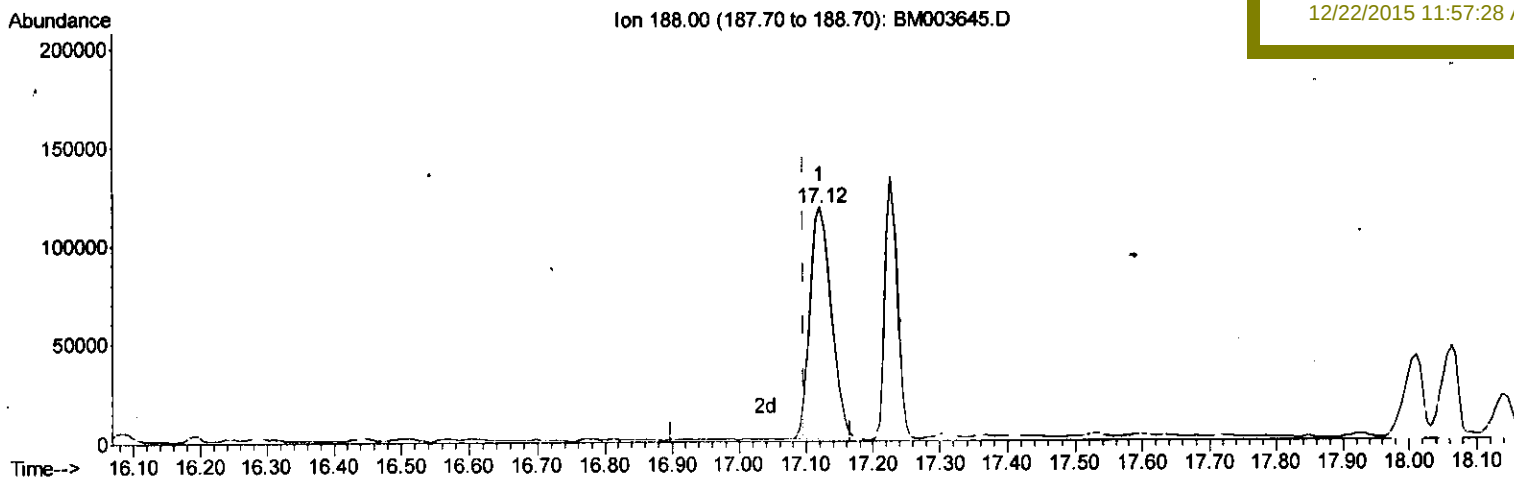
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(62) Phenanthrene-d10 (I)

17.121min (+0.023) 20.00ng/ul

response 258787

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	11.65#
80.00	9.70	11.10
0.00	0.00	0.00

Quantitation Report (Qedit)

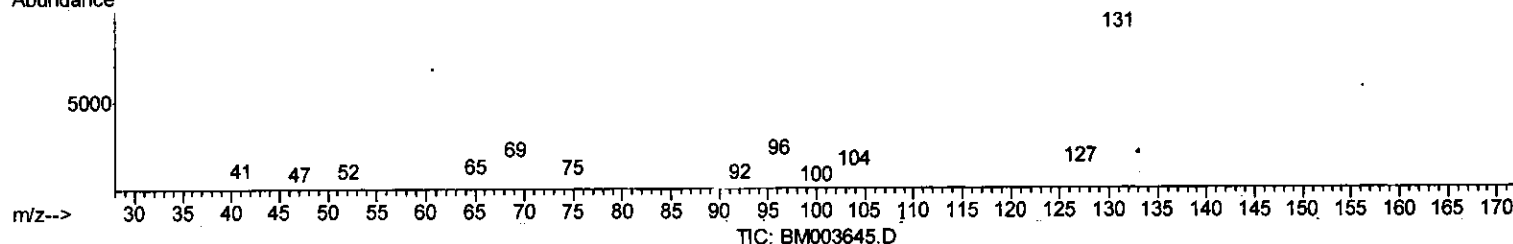
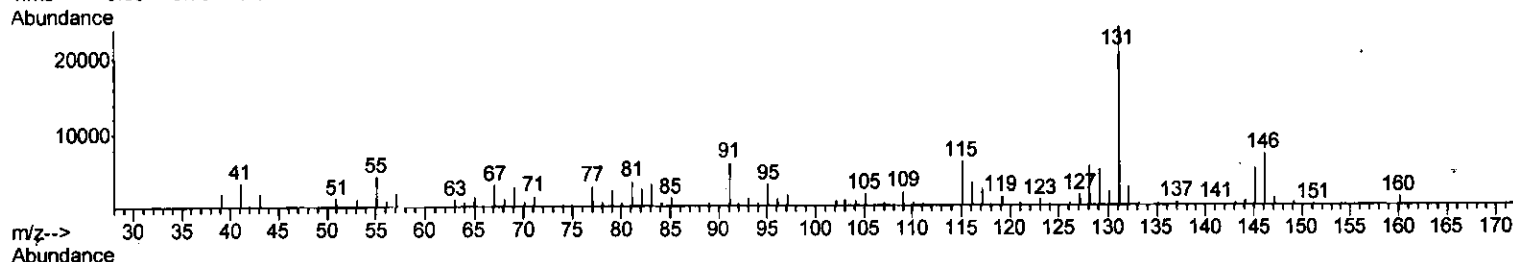
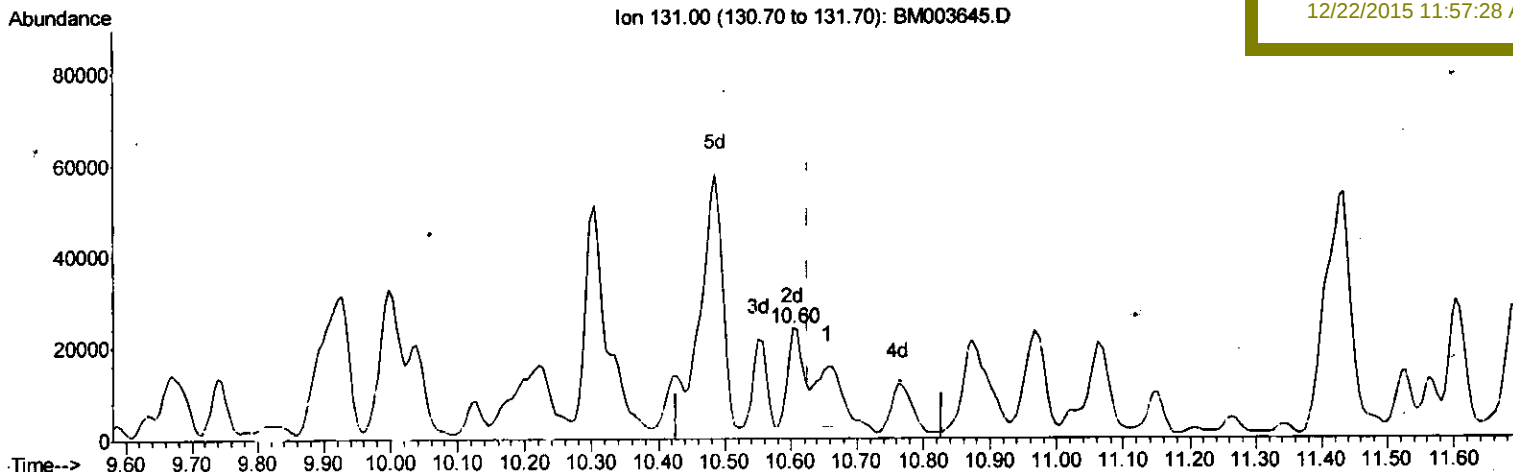
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(29) 4-Chloroaniline-d4 (S)

10.604min (-0.024) 17.92ng/ul m

response 70375

Ion	Exp%	Act%
131.00	100	100
133.00	32.10	2.51#
69.00	16.20	11.91#
0.00	0.00	0.00

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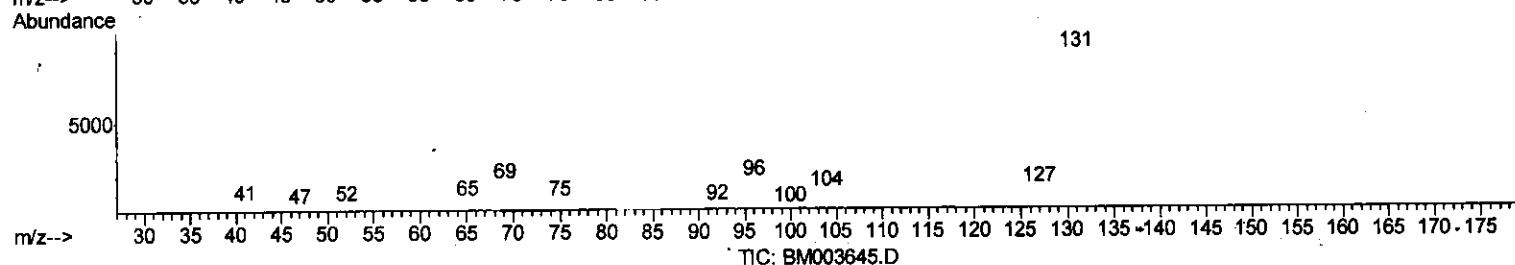
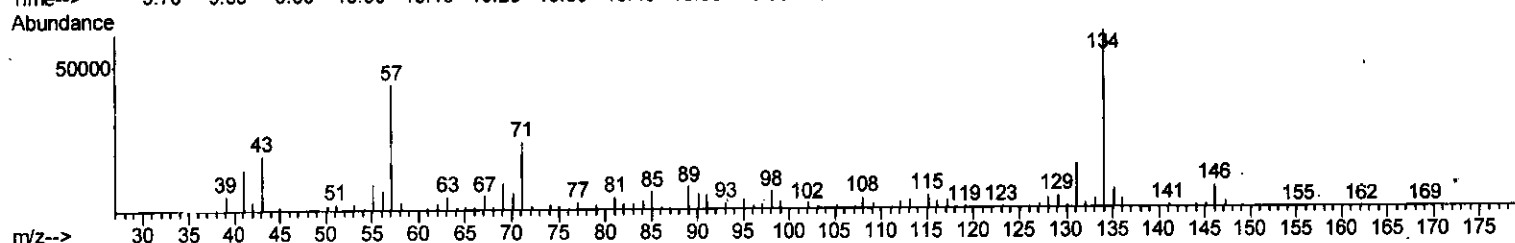
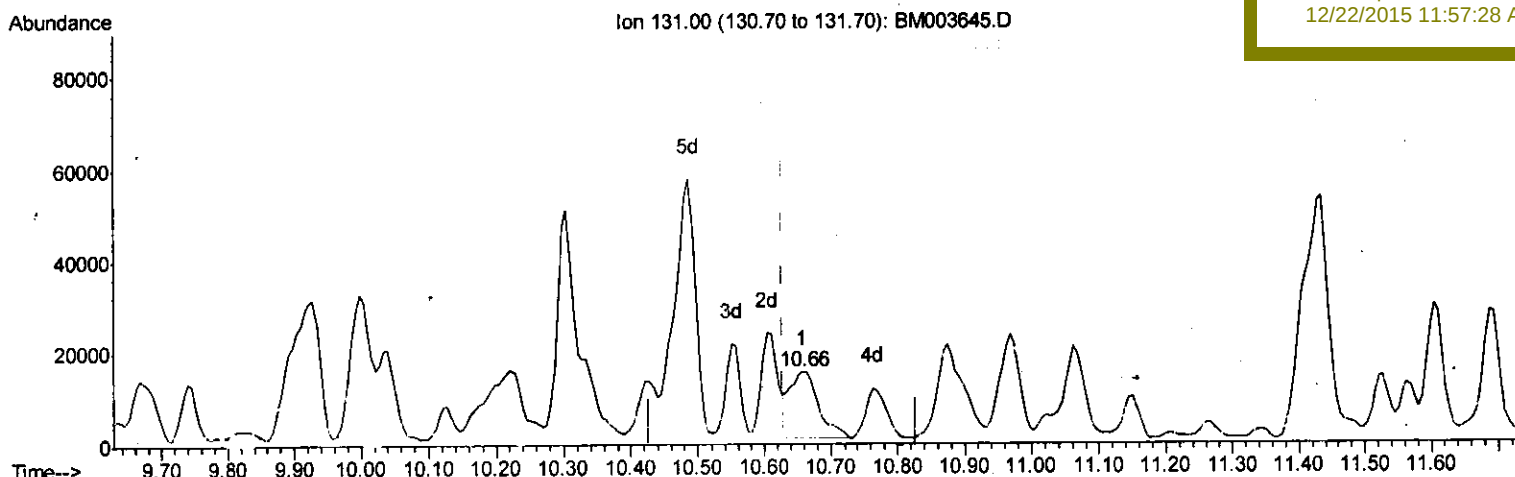
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(29) 4-Chloroaniline-d4 (S)

10.657min (+0.029) 10.82ng/ul

response 42488

Ion	Exp%	Act%
131.00	100	100
133.00	32.10	21.96#
69.00	16.20	60.58#
0.00	0.00	0.00

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