

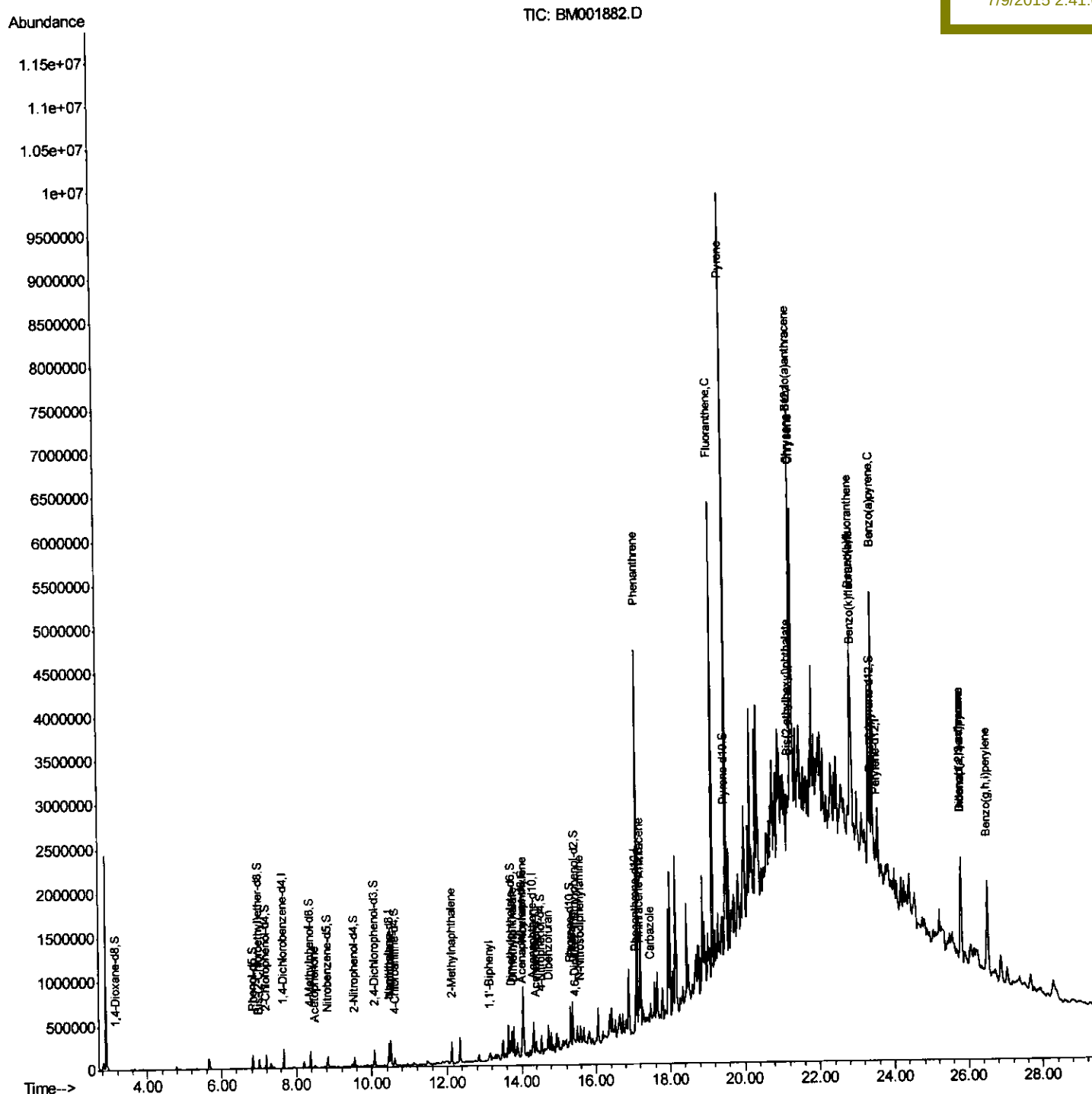
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 09 04:46:29 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 09 04:30:38 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
G93K5

Manual Integrations
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Quantitation Report (Qedit)

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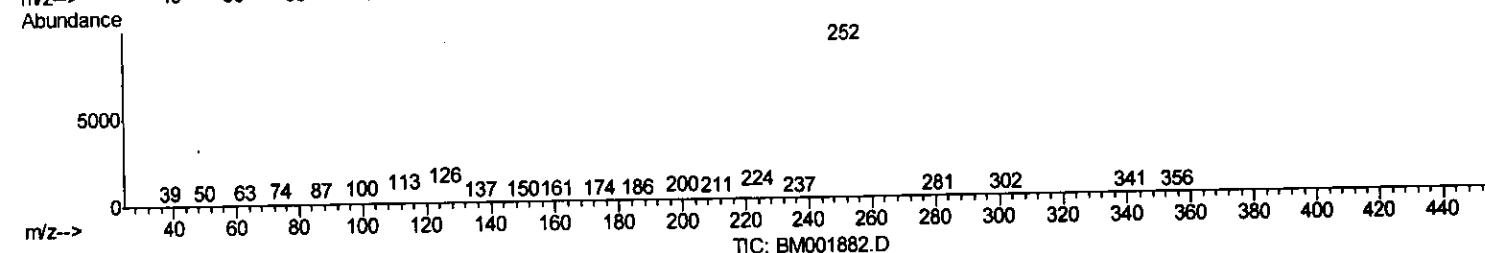
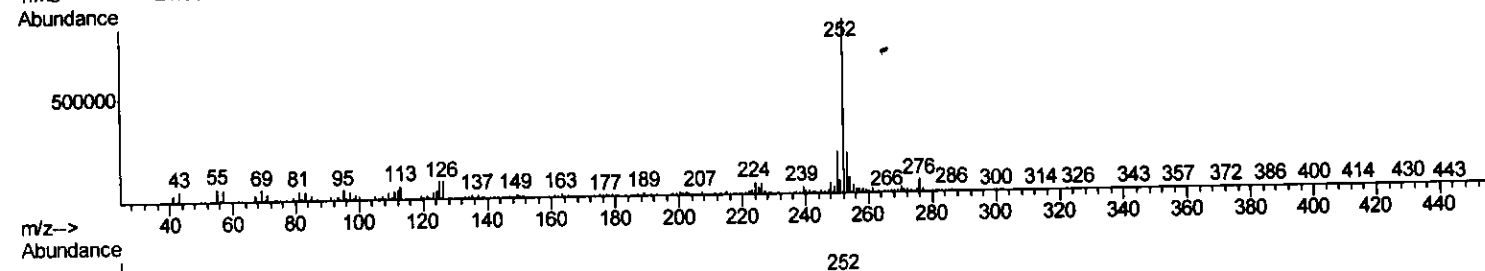
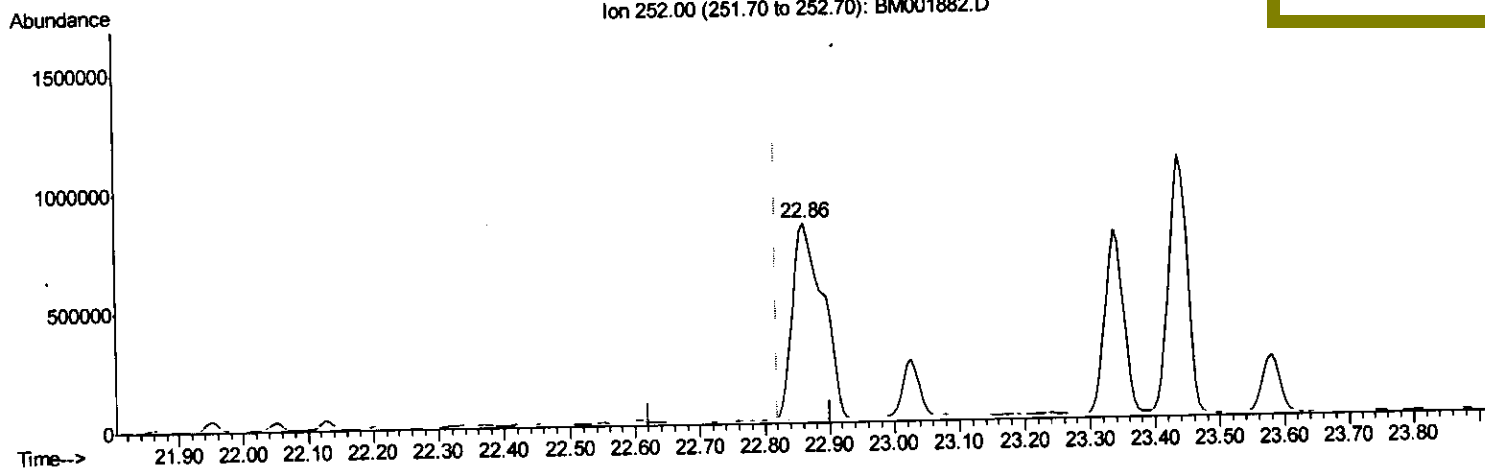
Instrument :
BNA_M
ClientSampleId :
G93K5

Quant Time: Jul 09 04:36:33 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061515.M
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Manual Integrations
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Ion 252.00 (251.70 to 252.70): BM001882.D



TIC: BM001882.D

(87) Benzo(b)fluoranthene

22.862min (+0.041) 153.95ng/ui

response 2703186

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.59
125.00	6.60	10.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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 Acq On : 08 Jul 2015 18:03
 Operator : TP/UM
 Sample : G2860-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

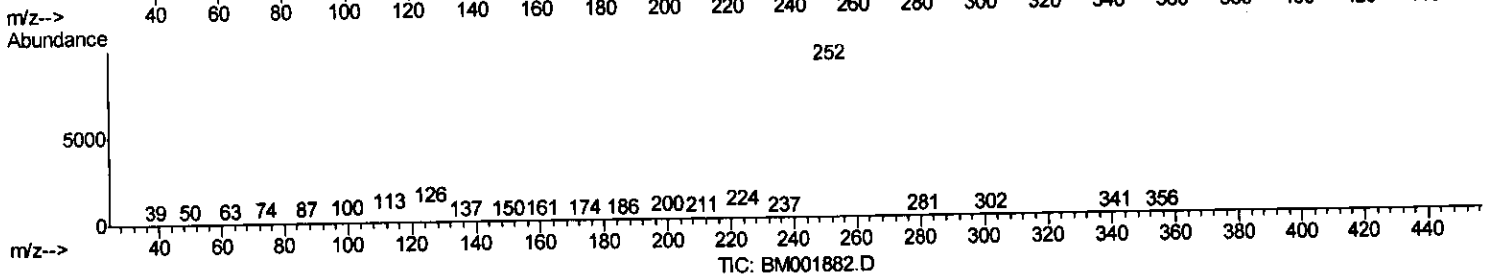
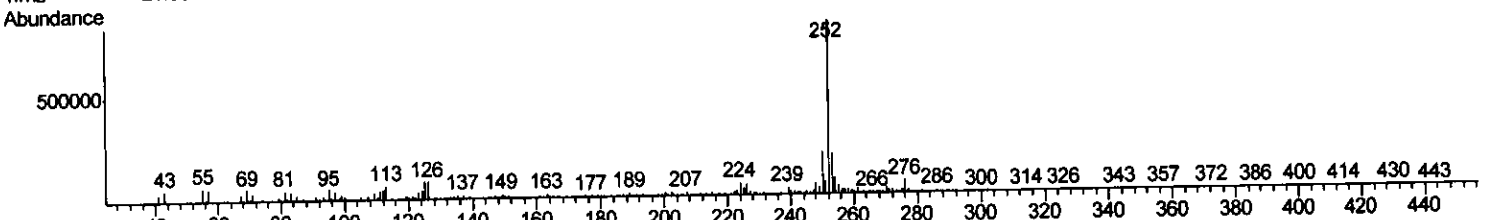
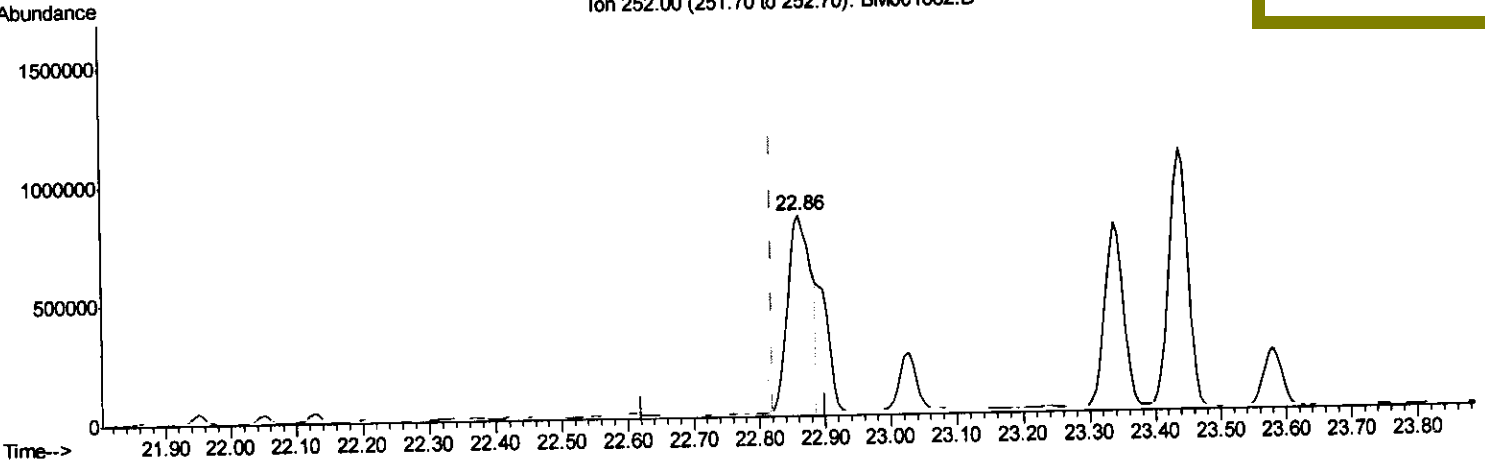
Instrument :
 BNA_M
 ClientSampleId :
 G93K5

Manual Integrations
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Quant Time: Jul 09 04:36:33 2015
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Ion 252.00 (251.70 to 252.70): BM001882.D



(87) Benzo(b)fluoranthene

22.862min (+0.041) 118.87ng/ul m

response 2087346

T.P
 7/11/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.59
125.00	6.60	10.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

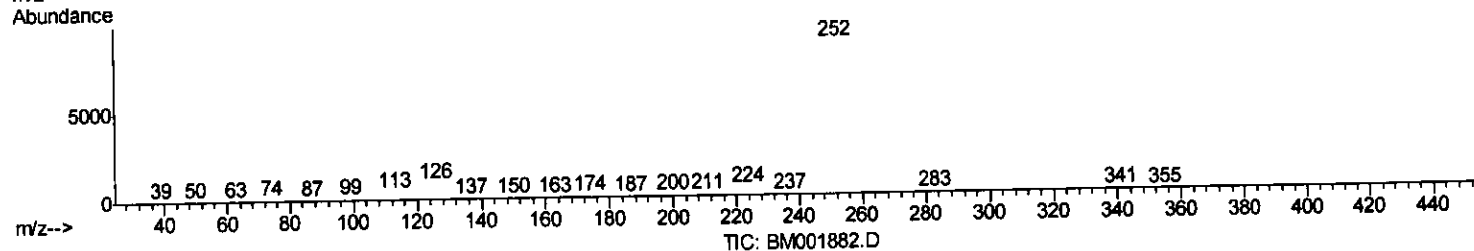
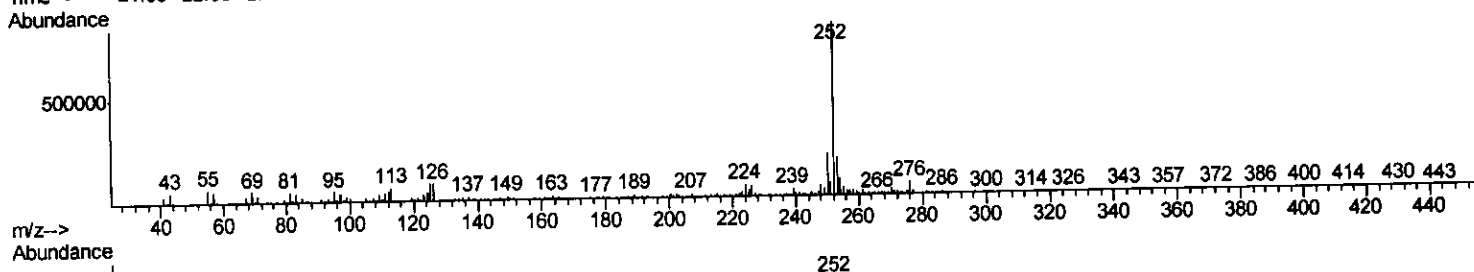
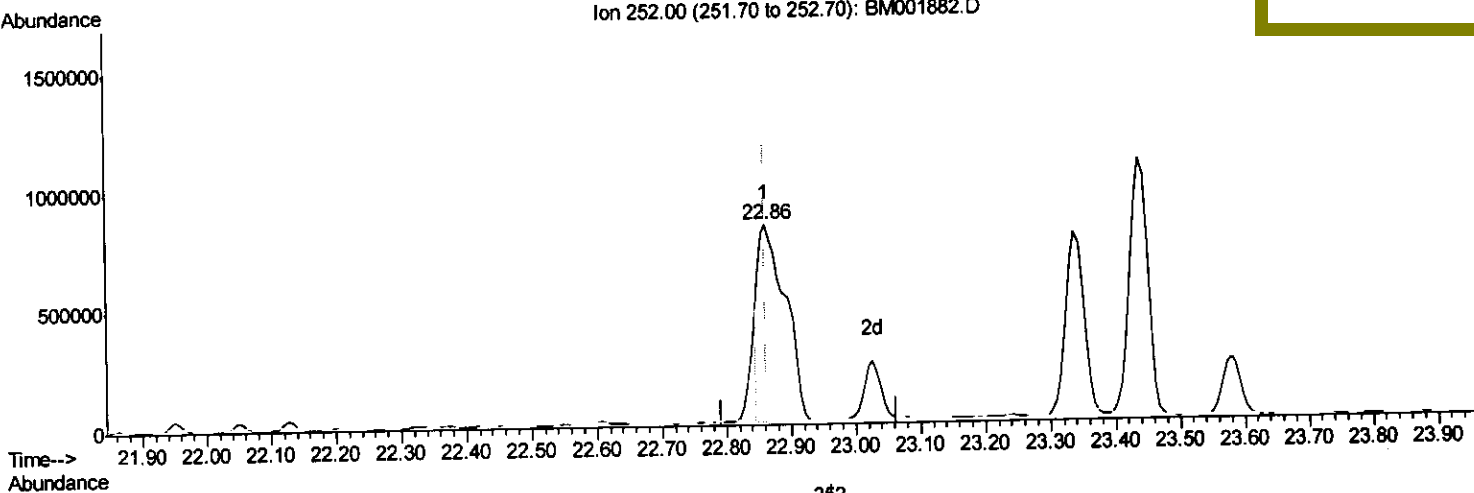
Instrument :
BNA_M
ClientSampleId :
G93K5

Manual Integrations
APPROVED

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Quant Time: Jul 09 05:07:27 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 09 04:30:38 2015
Response via : Initial Calibration

Ion 252.00 (251.70 to 252.70): BM001882.D



(88) Benzo(k)fluoranthene

22.862min (+0.000) 140.45ng/ul

response 2383219

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.59
125.00	6.60	10.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070815\
 Data File : BM001882.D
 Acq On : 08 Jul 2015 18:03
 Operator : TP/UM
 Sample : G2860-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

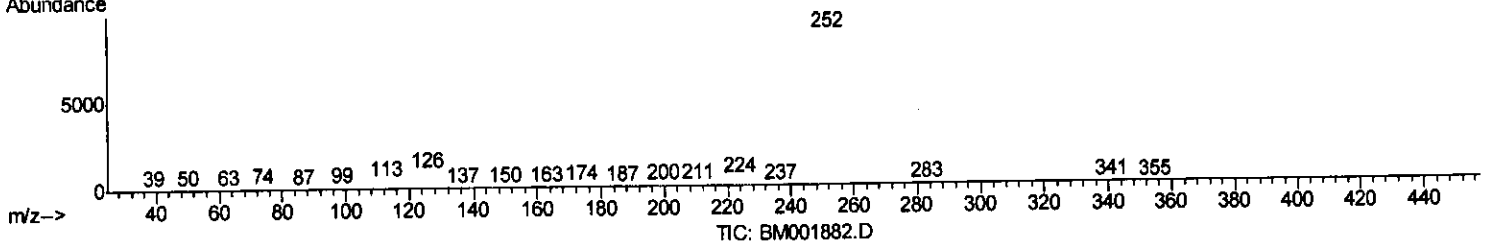
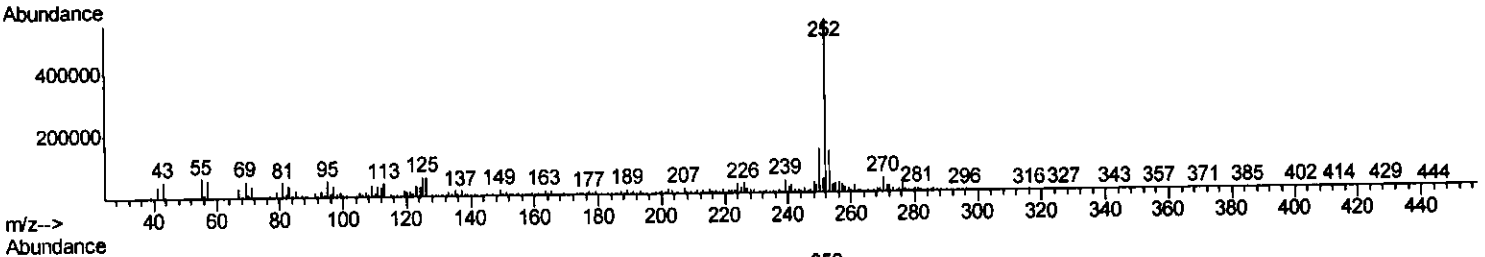
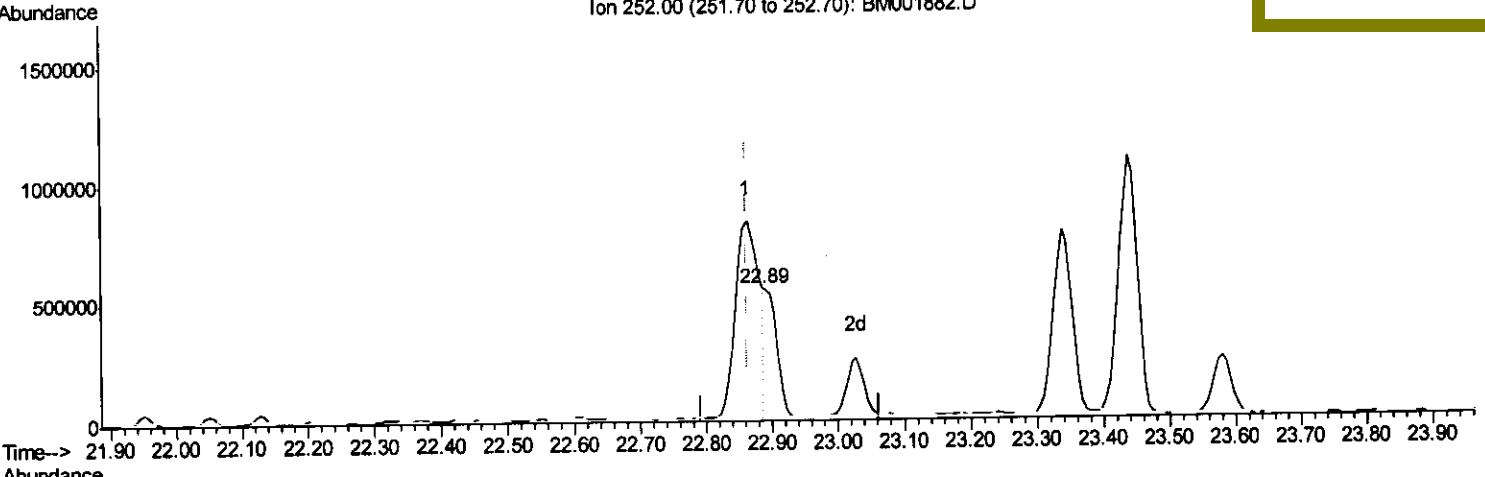
Instrument :
 BNA_M
 ClientSampleId :
 G93K5

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Manual Integrations
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Ion 252.00 (251.70 to 252.70): BM001882.D



(88) Benzo(k)fluoranthene

22.886min (+0.024) 40.99ng/ul m

response 695593

T.P.
7/11/15

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.98
125.00	6.60	11.20#
0.00	0.00	0.00

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 Data File : BM001882.D
 Acq On : 08 Jul 2015 18:03
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 Sample : G2860-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93K5

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	60260	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	214959	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	113196	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	230618	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	300499	20.00	ng/ul	0.02
85) Perylene-d12	23.53	264	301645	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	4168	3.30	ng/uL	0.00
5) Phenol-d5	6.83	99	86980	18.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	49359	19.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	71735	19.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	69637	18.74	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	31792	21.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	36603	22.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	70104	20.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	42117	11.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	171711	20.46	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	224961	20.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	26172	16.90	ng/ul	0.00
57) Fluorene-d10	15.32	176	159050	20.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	14954	10.61	ng/ul	0.00
70) Anthracene-d10	17.17	188	231686	21.57	ng/ul	0.00
78) Pyrene-d10	19.48	212	273213	21.47	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.39	264	293436	22.07	ng/ul	0.04

Target Compounds

						Ovalue
14) Acetophenone	8.49	105	14441	2.45	ng/ul	94
28) Naphthalene	10.50	128	221988	20.45	ng/ul	98
34) 2-Methylnaphthalene	12.13	142	113886	14.51	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	33279	3.60	ng/ul	99
44) Dimethylphthalate	13.78	163	65820	7.17	ng/ul	99
47) Acenaphthylene	14.04	152	554550	49.43	ng/ul	99
49) Acenaphthene	14.39	153	62064	8.28	ng/ul	96
53) Dibenzofuran	14.72	168	75118	7.00	ng/ul	93
58) Fluorene	15.37	166	231273	25.88	ng/ul	98
64) N-Nitrosodiphenylamine	15.59	169	22385	3.32	ng/ul#	83
69) Phenanthrene	17.12	178	2595165	207.53	ng/ul	99
71) Anthracene	17.20	178	732981	57.09	ng/ul	98
74) Carbazole	17.48	167	33545	2.98	ng/ul#	66
76) Fluoranthene	19.14	202	3182779	212.80	ng/ul	98
79) Pyrene	19.52	202	5601696	336.00	ng/ul#	94
82) Benzo(a)anthracene	21.27	228	2083685	118.68	ng/ul#	84
83) Bis(2-ethylhexyl)phthalate	21.19	149	29542	3.61	ng/ul#	83
84) Chrysene	21.32	228	2034775	122.26	ng/ul#	93
87) Benzo(b)fluoranthene	22.86	252	2087346m	118.87	ng/ul	
88) Benzo(k)fluoranthene	22.89	252	695593m	40.99	ng/ul	
90) Benzo(a)pyrene	23.44	252	2125670	124.43	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.81	276	1174878	58.00	ng/ul	98
92) Dibenzo(a,h)anthracene	25.81	278	326464	19.10	ng/ul#	77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(q,h,i)perylene	26.51	276	1331118	78.15	ng/ul	97

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