

(QT Reviewed)

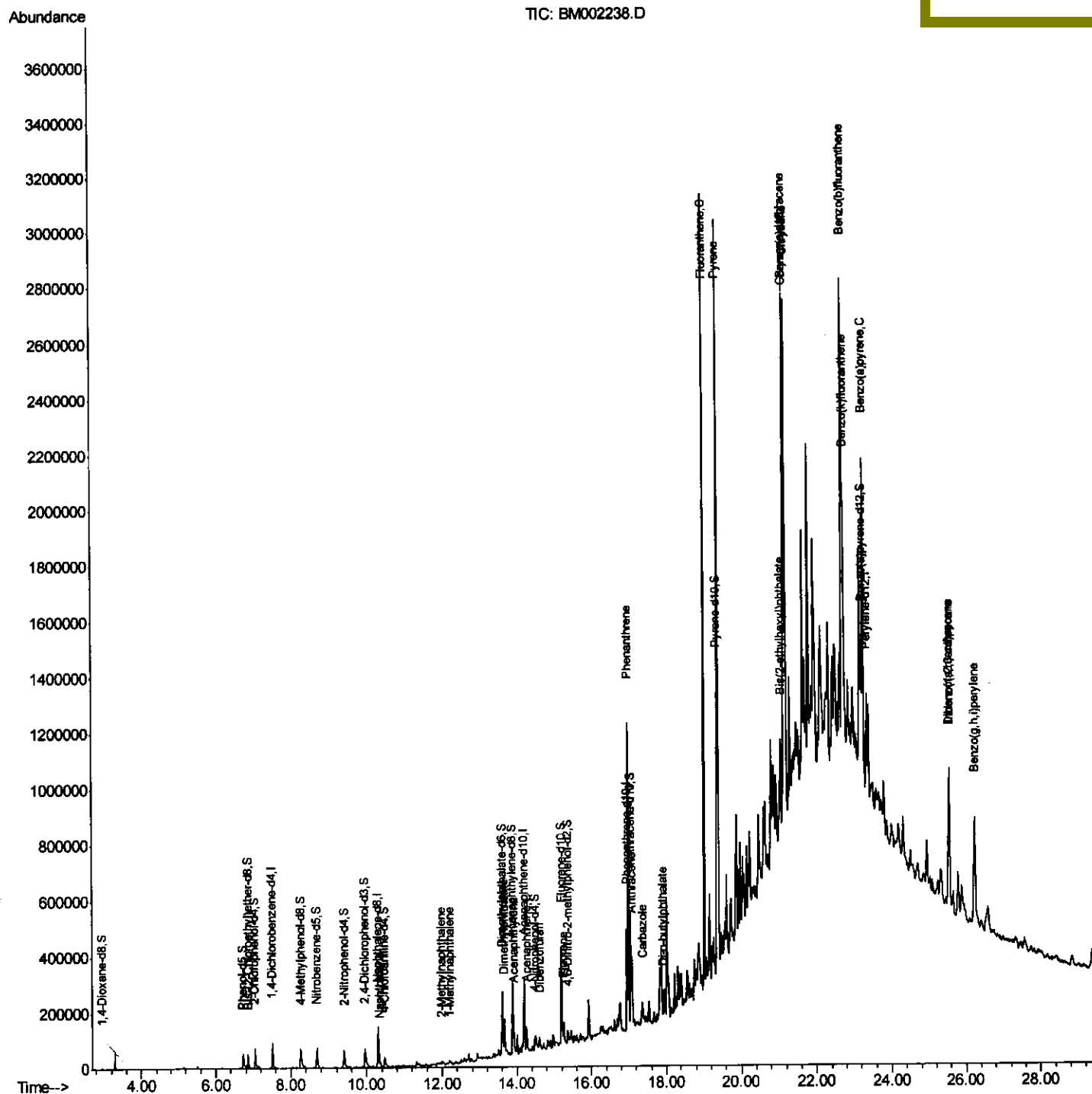
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
Data File : BM002238.D
Acq On : 05 Aug 2015 18:32
Operator : TP/UM
Sample : G3095-03RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01Q7RE

Quant Time: Aug 06 03:09:57 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 01:44:45 2015
Response via : Initial Calibration

Manual Integrations APPROVED

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Quantitation Report (Qedit)

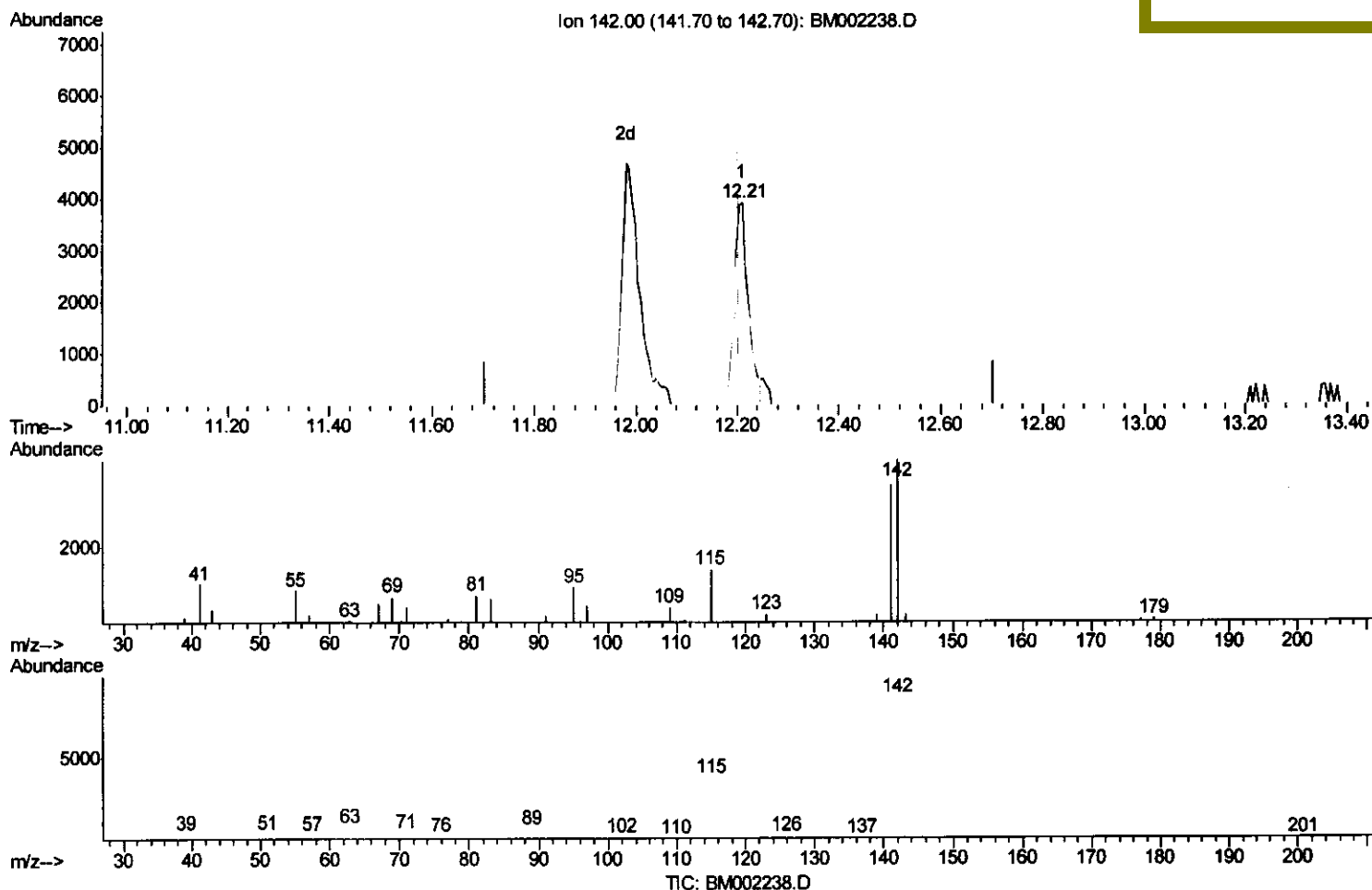
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002238.D
 Acq On : 05 Aug 2015 18:32
 Operator : TP/UM
 Sample : G3095-03RE
 Misc :
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(35) 1-Methylnaphthalene

12.210min (+0.006) 1.52ng/ul

response 7496

Ion	Exp%	Act%
142.00	100	100
141.00	88.70	85.74
116.00	4.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

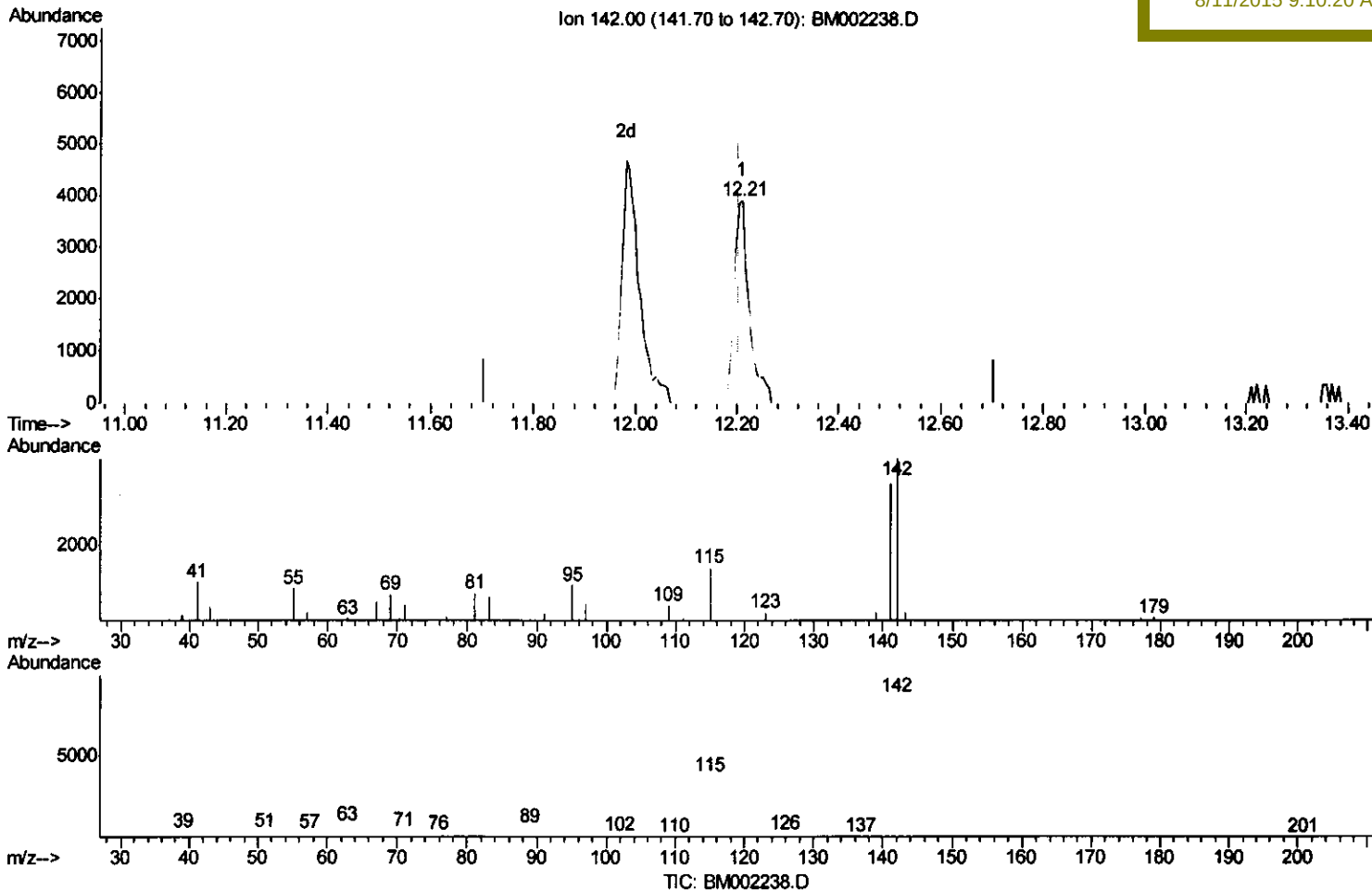
Data Path : Z:\HPCHEM1\BNA_M\Data\BM080515\
 Data File : BM002238.D
 Acq On : 05 Aug 2015 18:32
 Operator : TP/UM
 Sample : G3095-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01Q7RE

Quant Time: Aug 07 05:40:16 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
 Quant Title : SVOA CALIBRATION
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(35) 1-Methylnaphthalene

12.210min (+0.006) 1.60ng/ul m

response 7917

Ion	Exp%	Act%
142.00	100	100
141.00	88.70	85.74
116.00	4.10	0.00#
0.00	0.00	0.00

T.P
 8/5/15

Quantitation Report (Qedit)

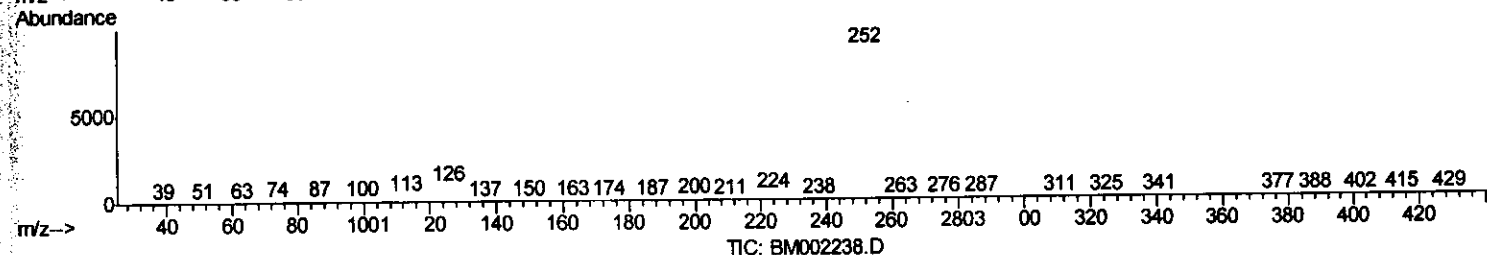
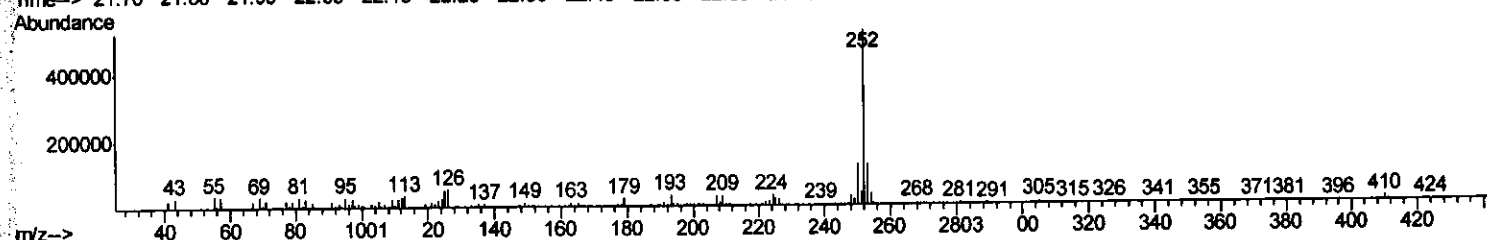
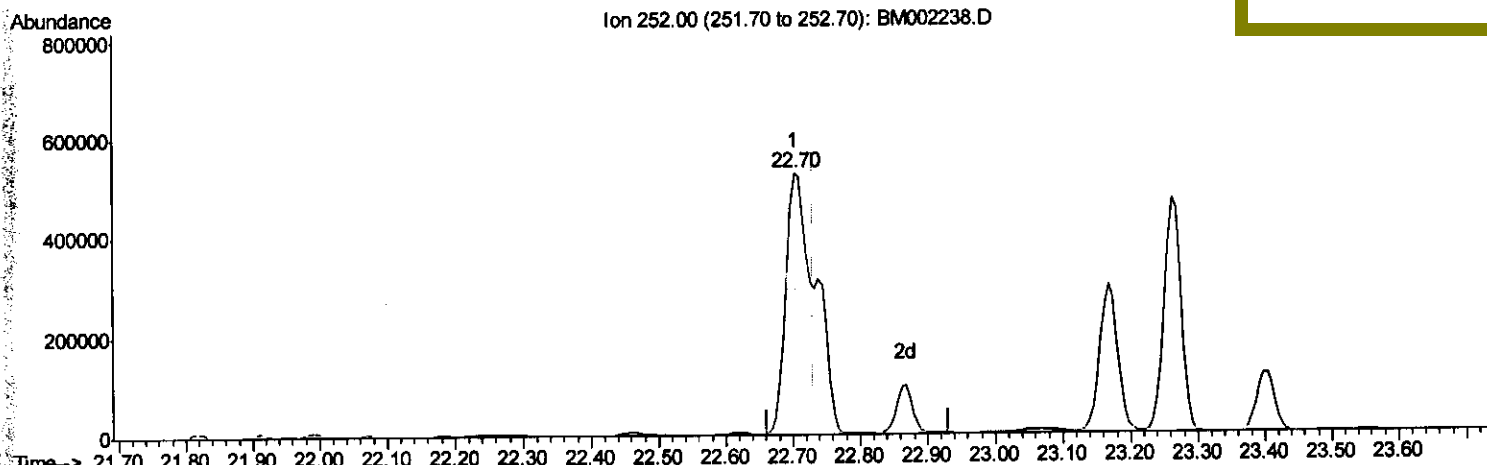
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(89) Benzo(k)fluoranthene

22.703min (-0.029) 22.13ng/ul

response 302723

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.03
125.00	7.00	9.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

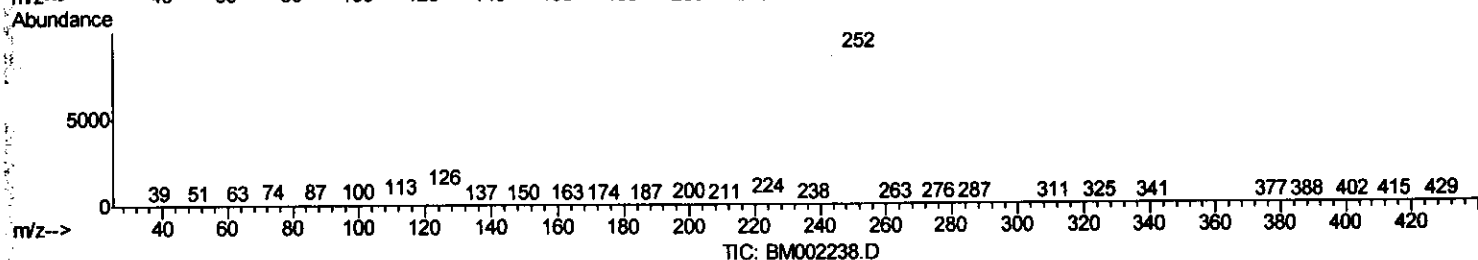
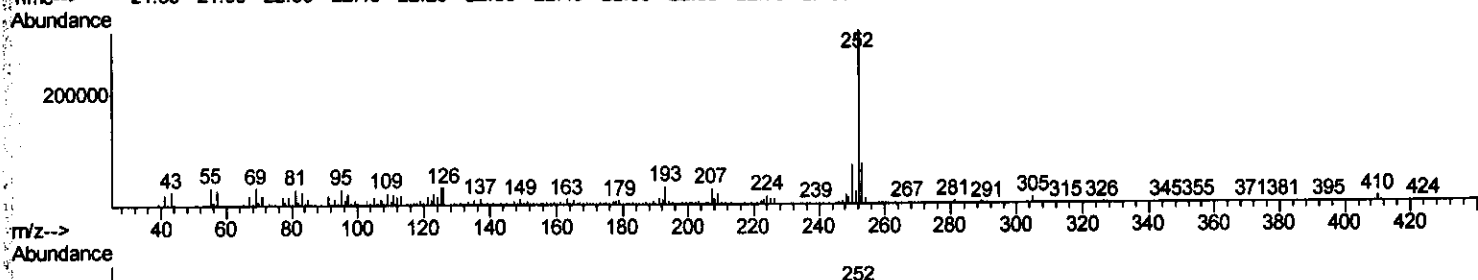
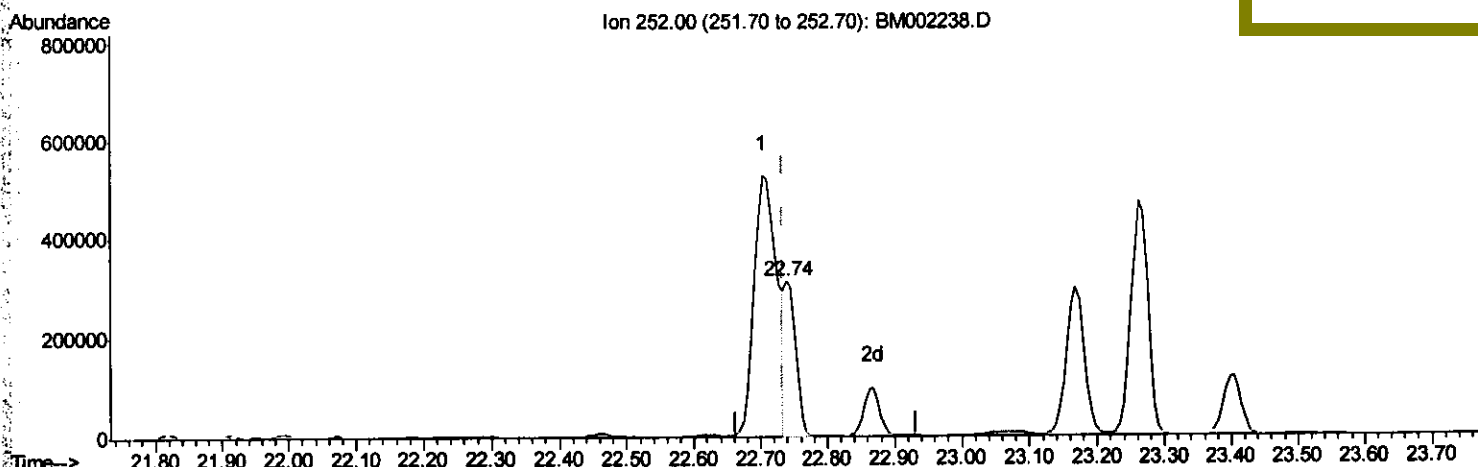
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(89) Benzo(k)fluoranthene

22.739min (+0.006) 25.58ng/ul m

response 349925

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.34
125.00	7.00	10.10#
0.00	0.00	0.00

T.P
 08/05/15

Quantitation Report (Qedit)

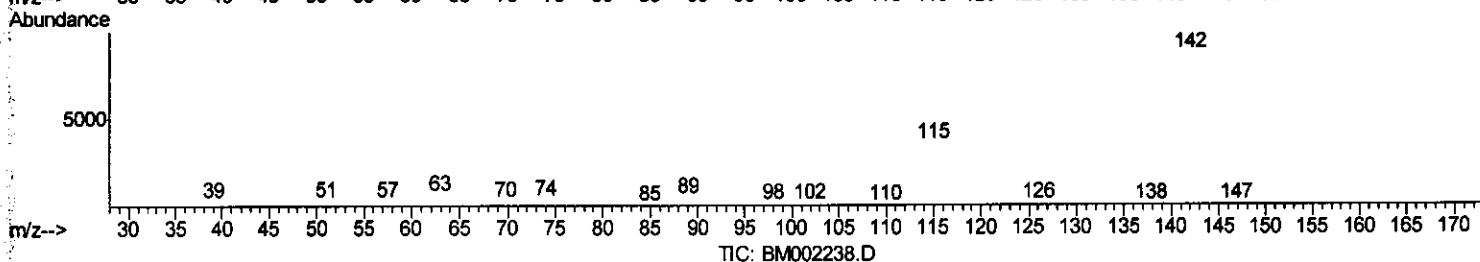
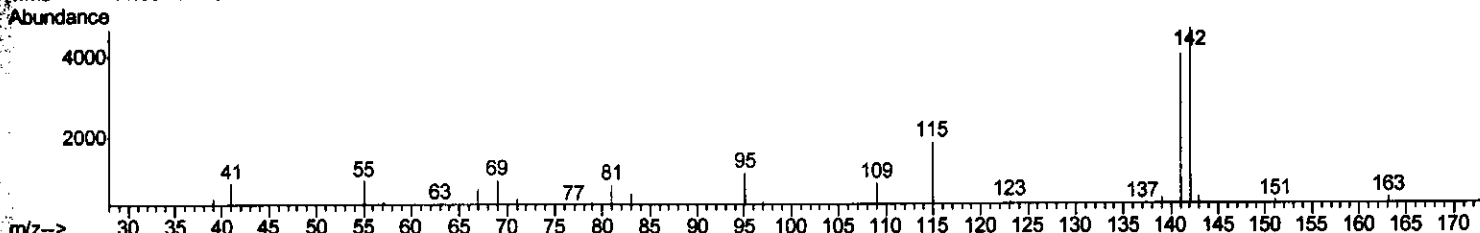
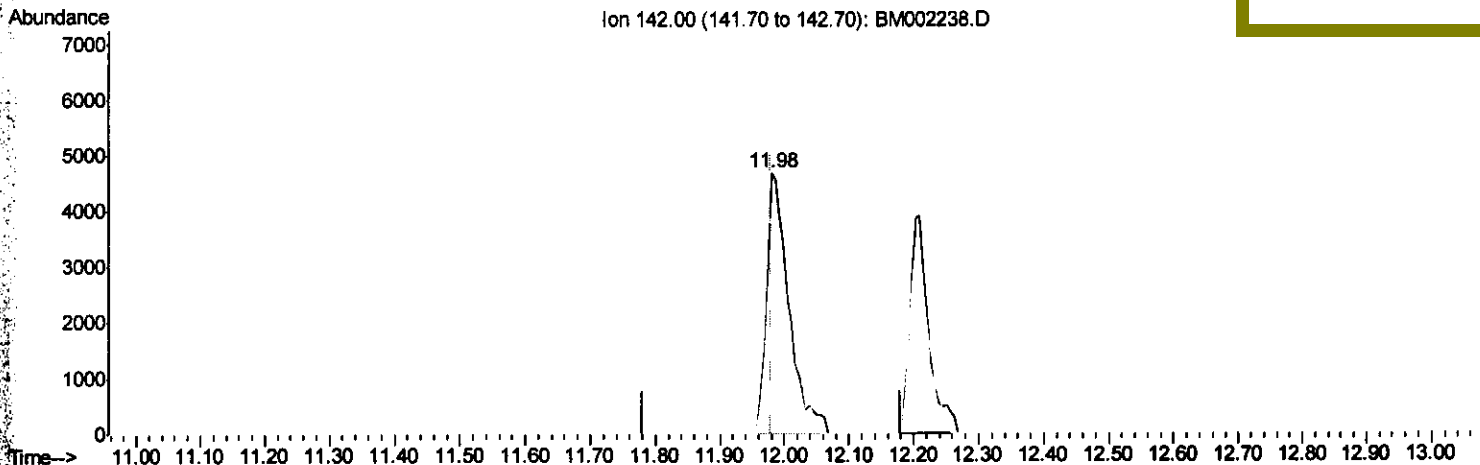
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(34) 2-Methylnaphthalene

11.980min (+0.000) 2.17ng/ul m

response 11220

Ion	Exp%	Act%
142.00	100	100
141.00	86.10	85.93
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

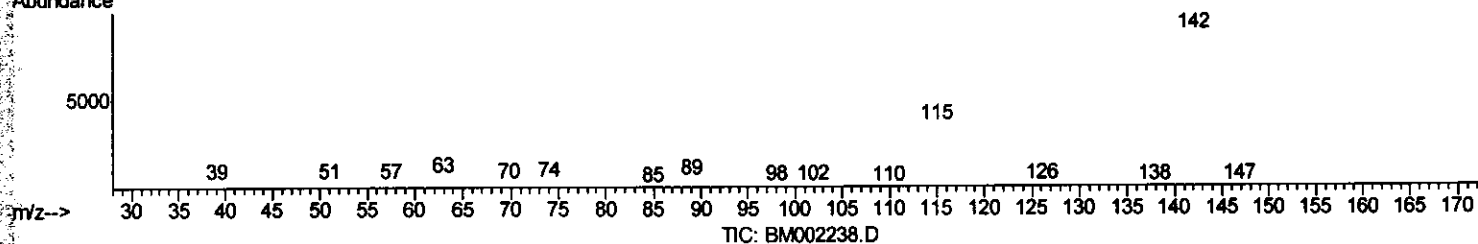
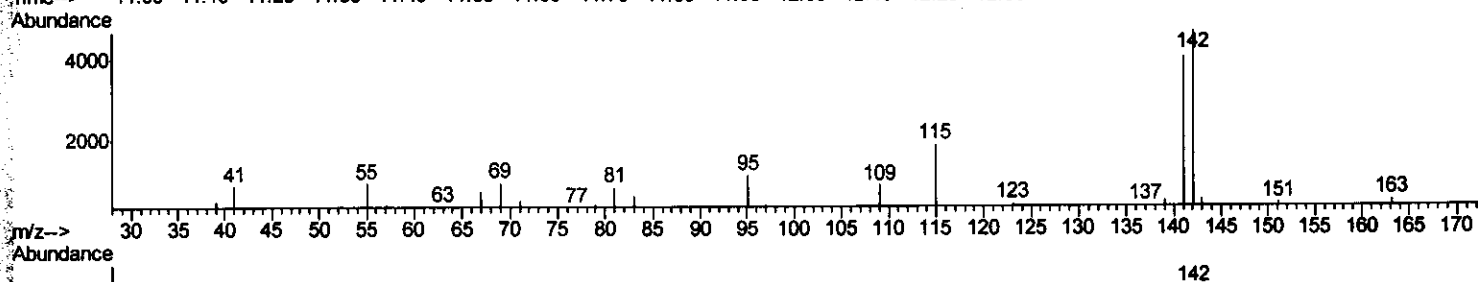
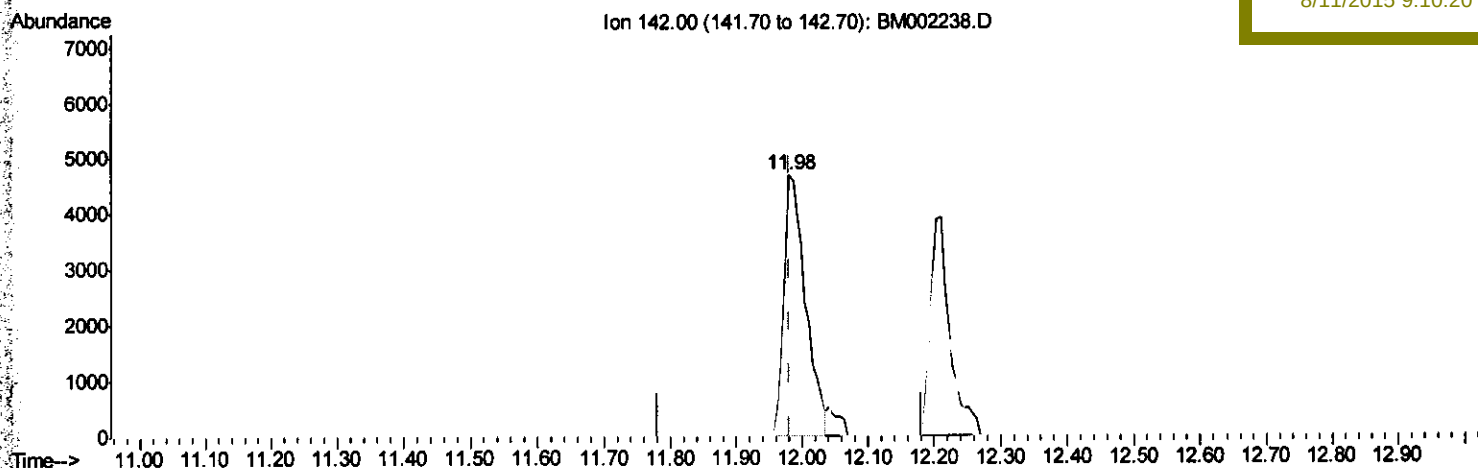
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
Data File : BM002238.D
Acq On : 05 Aug 2015 18:32
Operator : TP/UM
Sample : G3095-03RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01Q7RE

Quant Time: Aug 06 01:46:55 2015
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Manual Integrations
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(34) 2-Methylnaphthalene

11.980min (+0.000) 2.04ng/ul

response 10554

Ion	Exp%	Act%
142.00	100	100
141.00	86.10	85.93
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

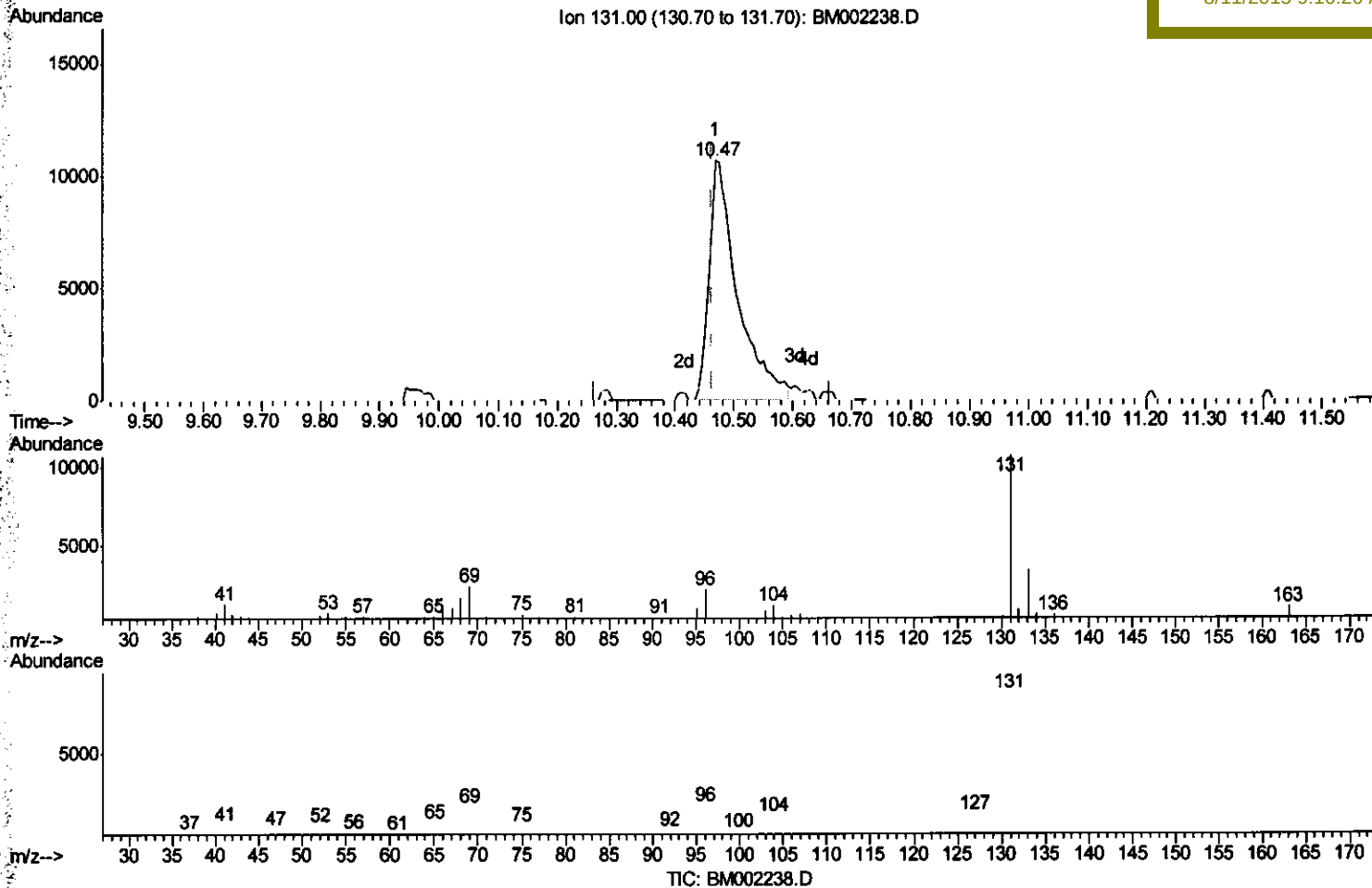
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002238.D
 Acq On : 05 Aug 2015 18:32
 Operator : TP/UM
 Sample : G3095-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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(29) 4-Chloroaniline-d4 (S)

10.469min (+0.006) 14.10ng/ul m

response 36238

Ion	Exp%	Act%
131.00	100	100
133.00	31.80	31.27
69.00	16.40	22.02#
0.00	0.00	0.00

> T.P
 08/05/15

Quantitation Report (Qedit)

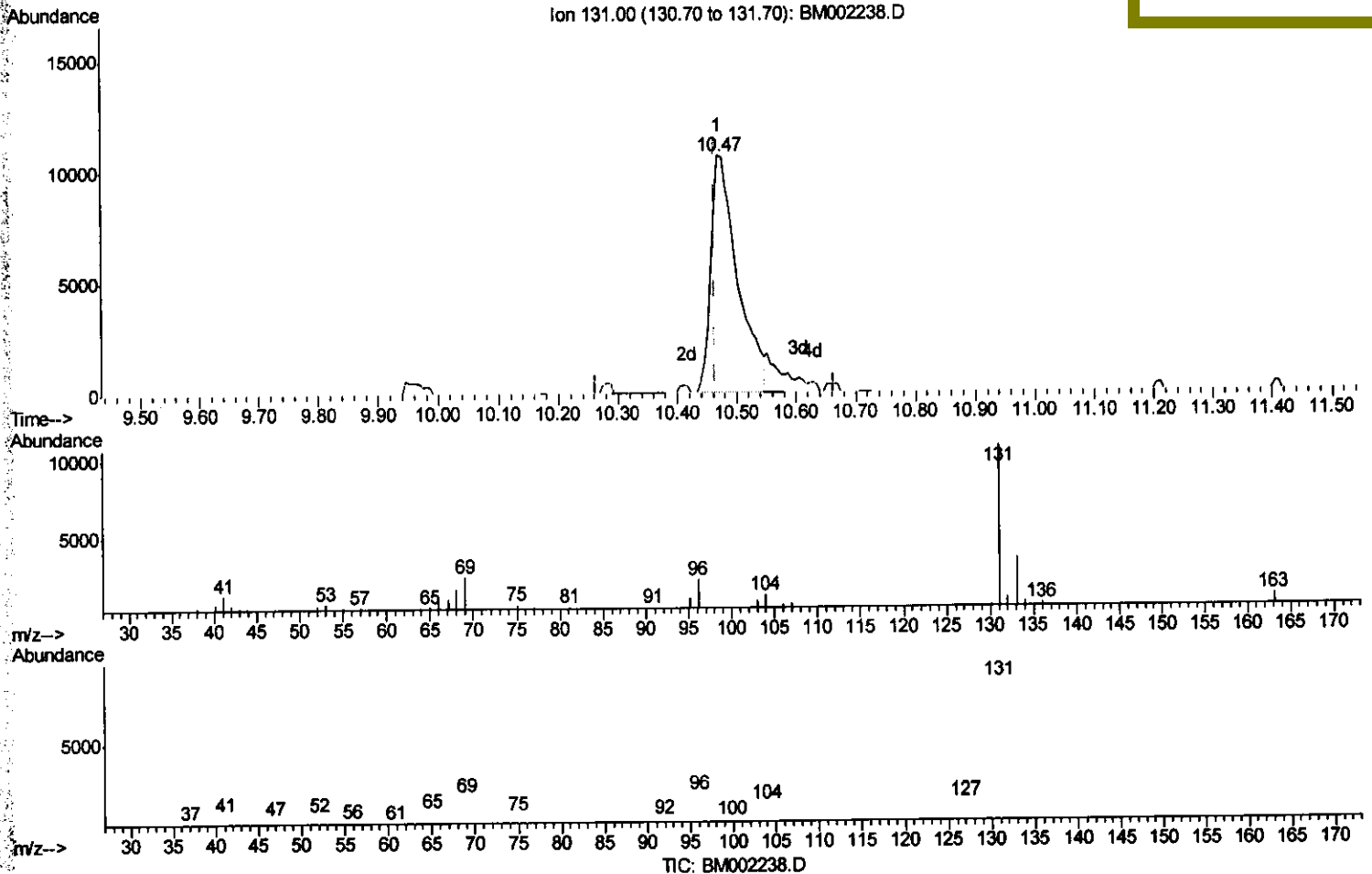
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002238.D
 Acq On : 05 Aug 2015 18:32
 Operator : TP/UM
 Sample : G3095-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01Q7RE

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(29) 4-Chloroaniline-d4 (S)

10.469min (+0.006) 12.98ng/ul

response 33357

Ion	Exp%	Act%
131.00	100	100
133.00	31.80	31.27
69.00	16.40	22.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

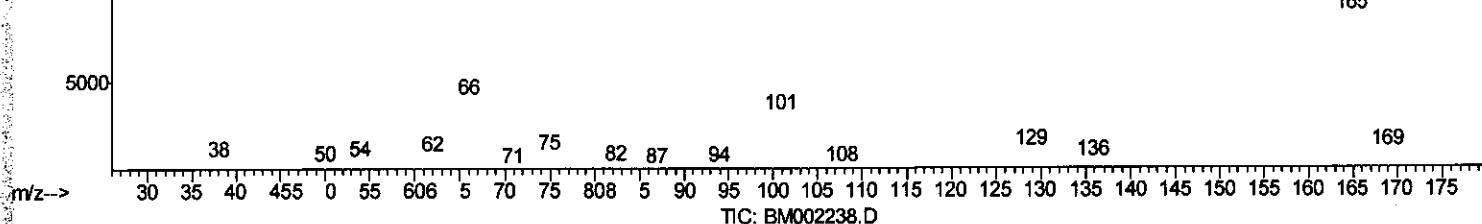
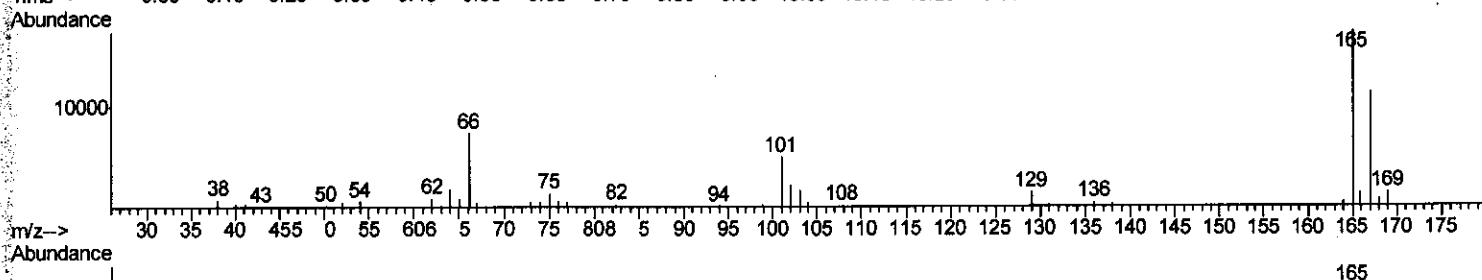
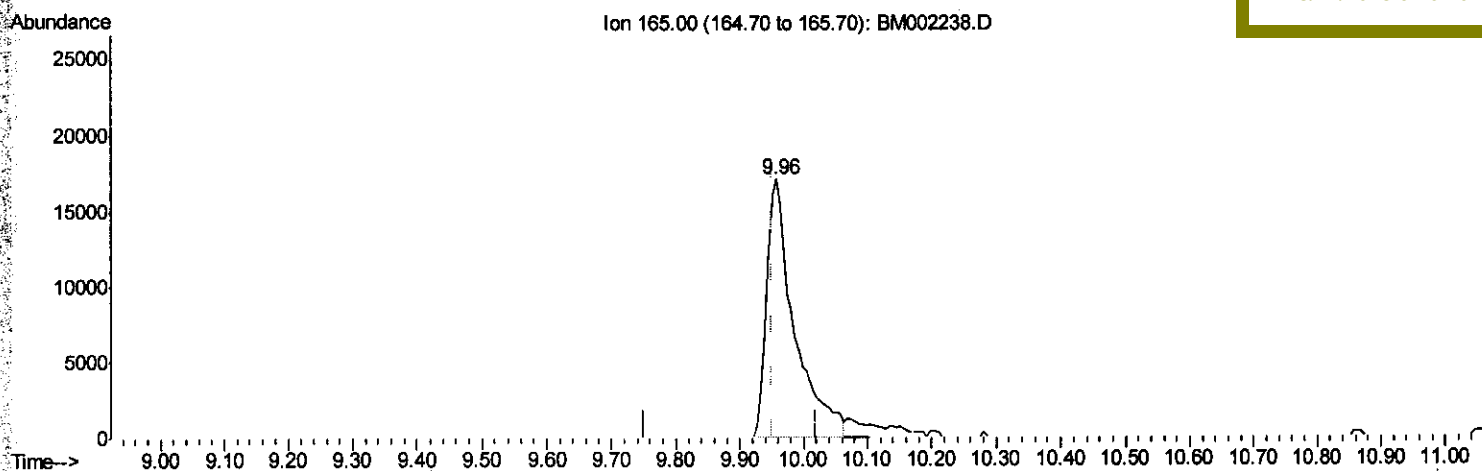
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
Data File : BM002238.D
Acq On : 05 Aug 2015 18:32
Operator : TP/UM
Sample : G3095-03RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01Q7RE

Manual Integrations
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(26) 2,4-Dichlorophenol-d3 (S)

9.957min (+0.006) 22.01ng/ul m

response 51096

Ion	Exp%	Act%
165.00	100	100
167.00	64.70	65.37
101.00	31.90	29.94
0.00	0.00	0.00

> T.9
08/05/15

Quantitation Report (Qedit)

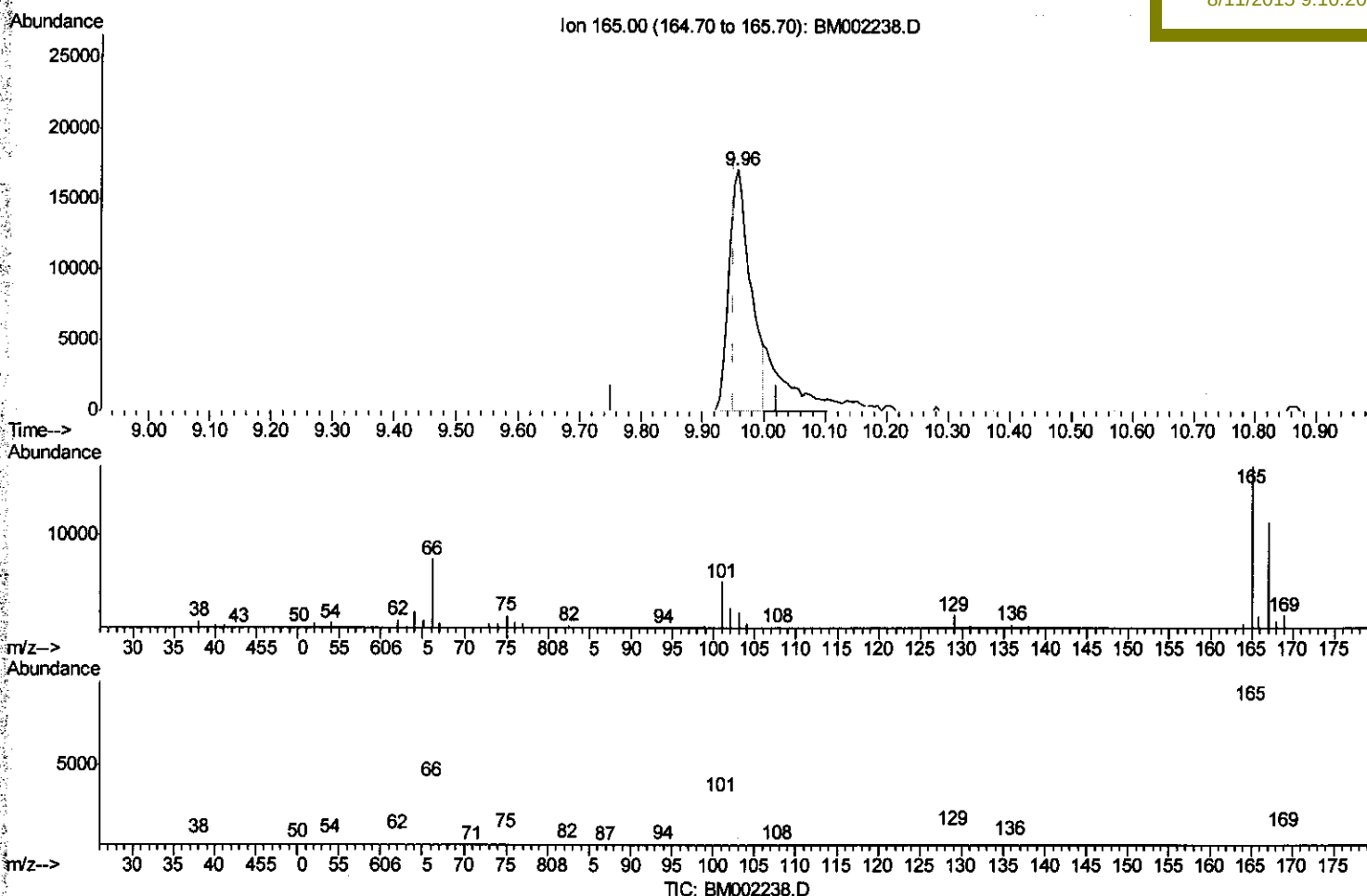
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002238.D
 Acq On : 05 Aug 2015 18:32
 Operator : TP/UM
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: Aug 06 01:46:55 2015
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 Quant Title : SVOA CALIBRATION
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Manual Integrations
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(26) 2,4-Dichlorophenol-d3 (S)

9.957min (+0.006) 18.05ng/ul

response 41908

Ion	Exp%	Act%
165.00	100	100
167.00	64.70	65.37
101.00	31.90	29.94
0.00	0.00	0.00

Quantitation Report (Qedit)

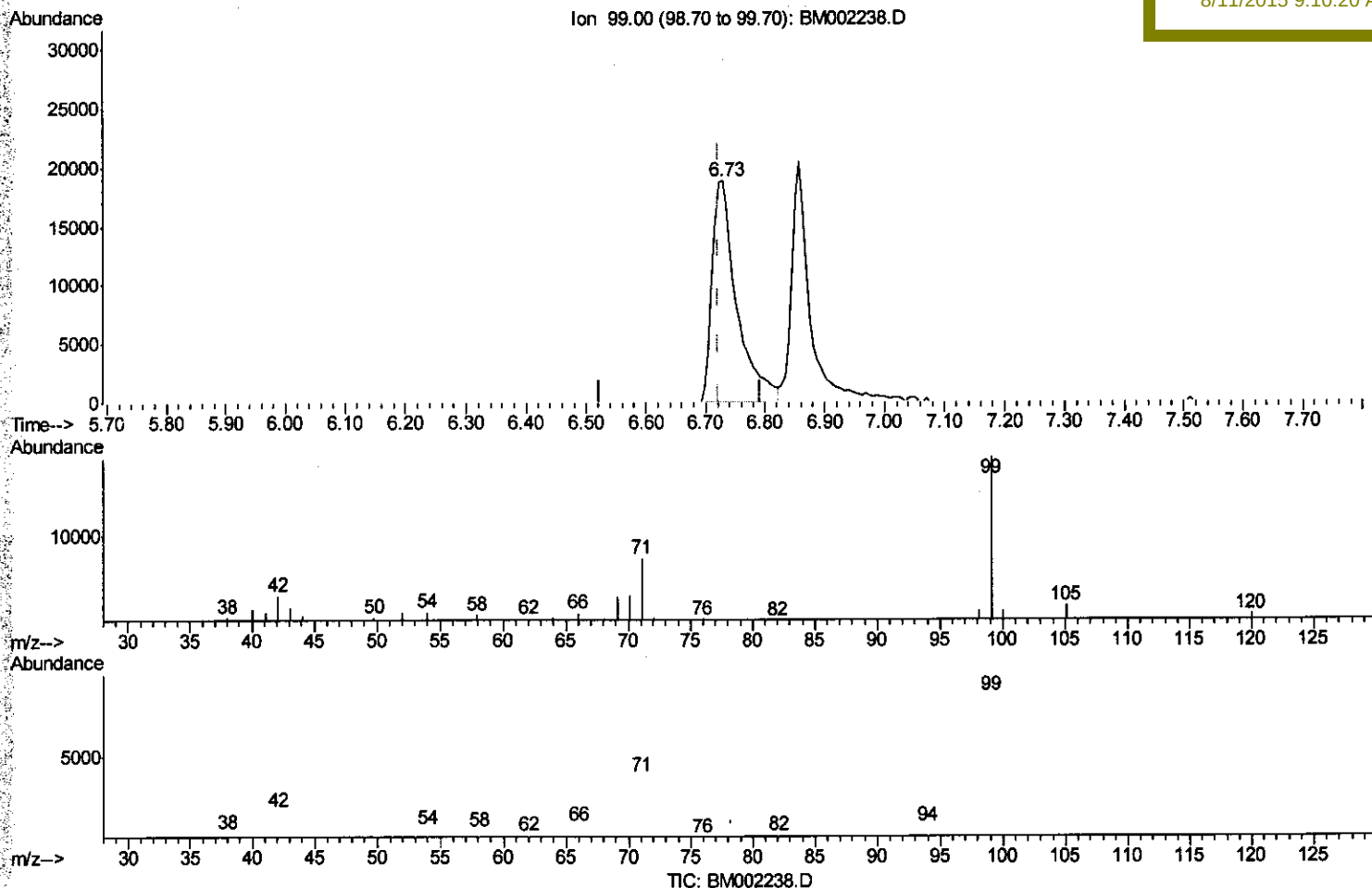
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002238.D
 Acq On : 05 Aug 2015 18:32
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 Sample : G3095-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(5) Phenol-d5 (S)

6.728min (+0.006) 23.42ng/ul m

response 53920

Ion	Exp%	Act%
99.00	100	100
71.00	36.60	38.96
42.00	16.10	16.68
0.00	0.00	0.00

> T.P
 08/05/15

Quantitation Report (Qedit)

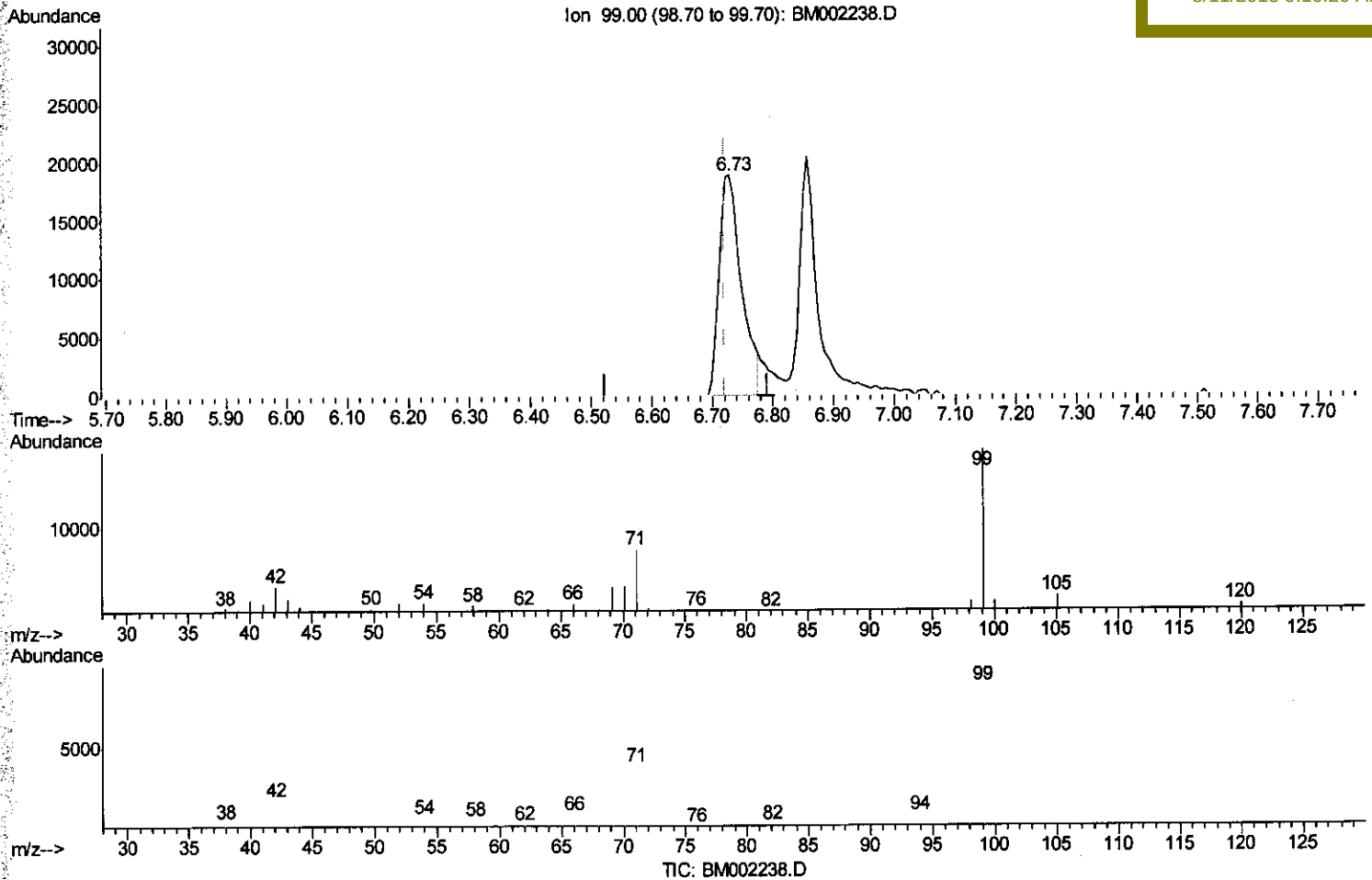
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002238.D
 Acq On : 05 Aug 2015 18:32
 Operator : TP/UM
 Sample : G3095-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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(5) Phenol-d5 (S)

6.728min (+0.006) 21.03ng/ul

response 48421

Ion	Exp%	Act%
99.00	100	100
71.00	36.60	38.96
42.00	16.10	16.68
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
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Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	30992	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	141888	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	93691	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	217383	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	288614	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	250656	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.95	96	1992	3.65	ng/uL	0.00
5) Phenol-d5	6.73	99	53920m	23.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	27843	23.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	46929	23.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	46909	24.53	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	24287	23.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	27056	22.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	51096m	22.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	36238m	14.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	166915	24.49	ng/ul	0.00
47) Acenaphthylene-d8	13.88	160	209361	24.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	22740	25.75	ng/ul	0.02
58) Fluorene-d10	15.19	176	156006	25.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	8639	6.90	ng/ul	0.00
71) Anthracene-d10	17.05	188	244092	25.23	ng/ul	0.00
79) Pyrene-d10	19.36	212	291913	21.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	300764	24.71	ng/ul	0.01

Target Compounds

						Ovalue
28) Naphthalene	10.35	128	14478	2.16	ng/ul	97
34) 2-Methylnaphthalene	11.98	142	11220m	2.17	ng/ul	
35) 1-Methylnaphthalene	12.21	142	7917m	1.60	ng/ul	
45) Dimethylphthalate	13.65	163	69289	10.20	ng/ul	99
48) Acenaphthylene	13.92	152	36265	4.13	ng/ul#	93
50) Acenaphthene	14.26	153	34213	5.96	ng/ul	100
54) Dibenzofuran	14.60	168	19564	2.35	ng/ul#	87
59) Fluorene	15.25	166	33825	4.95	ng/ul	99
70) Phenanthrene	16.99	178	682927	61.18	ng/ul	99
72) Anthracene	17.09	178	164741	14.44	ng/ul	99
75) Carbazole	17.37	167	45943	4.83	ng/ul#	96
76) Di-n-butylphthalate	17.92	149	16015	1.43	ng/ul#	92
77) Fluoranthene	19.03	202	1732077	141.79	ng/ul	100
80) Pyrene	19.39	202	1710570	96.43	ng/ul	98
83) Benzo(a)anthracene	21.15	228	1062357	65.70	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	95484	10.49	ng/ul	97
85) Chrysene	21.20	228	986260	66.25	ng/ul	96
88) Benzo(b)fluoranthene	22.70	252	1244316	88.10	ng/ul#	96
89) Benzo(k)fluoranthene	22.74	252	349925m	25.58	ng/ul	
91) Benzo(a)pyrene	23.26	252	832117	61.69	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.56	276	475157	31.26	ng/ul	96
93) Dibenzo(a,h)anthracene	25.54	278	133412	10.29	ng/ul#	71
94) Benzo(g,h,i)perylene	26.23	276	435523	34.41	ng/ul	99

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8/11/2015 9:10:20 AM

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