

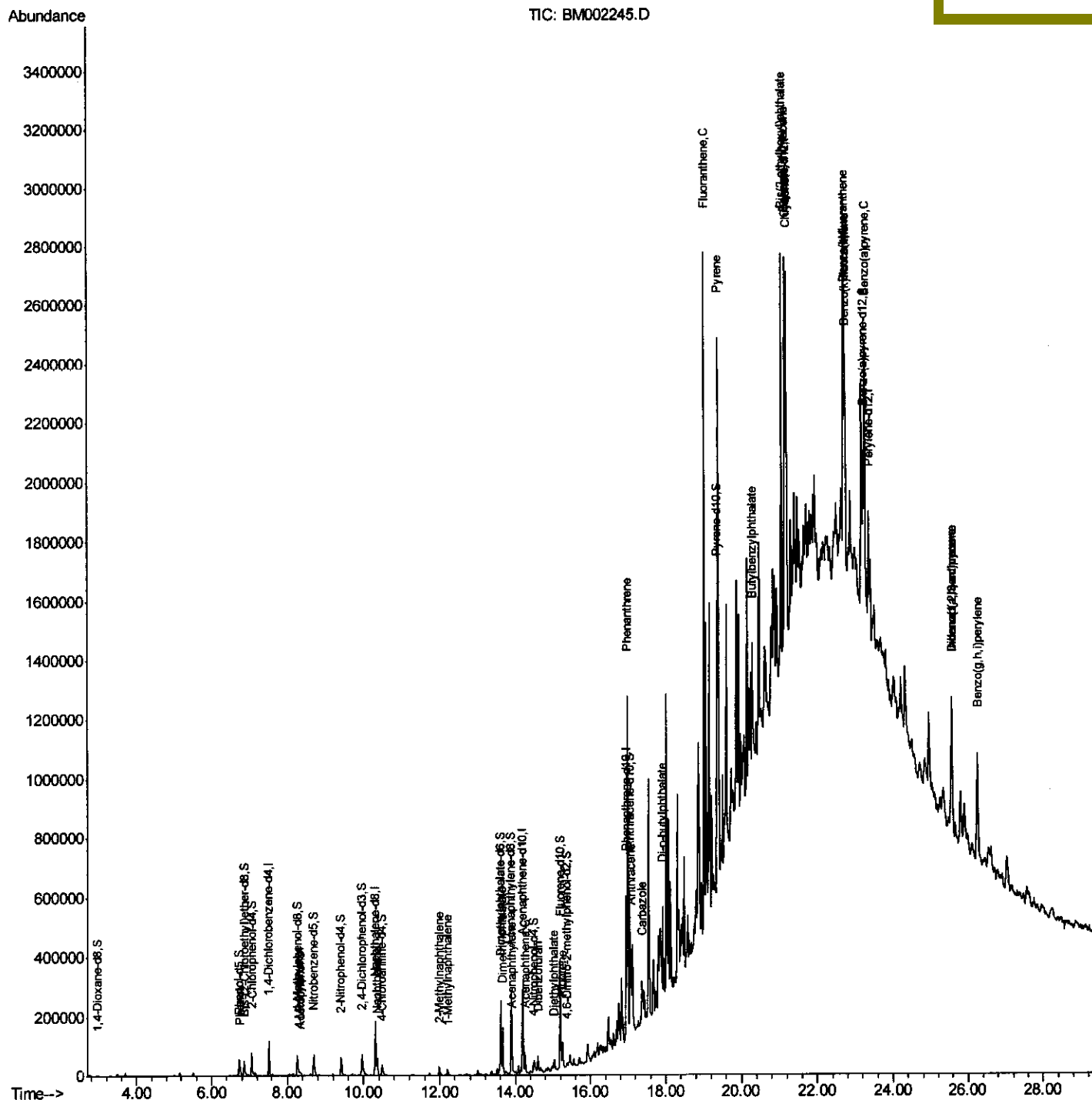
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
Data File : BM002245.D
Acq On : 05 Aug 2015 22:47
Operator : TP/UM
Sample : G3095-05RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
Client Sampled :
C01R4RX

Quant Time: Aug 06 06:09:47 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
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Quantitation Report (Qedit)

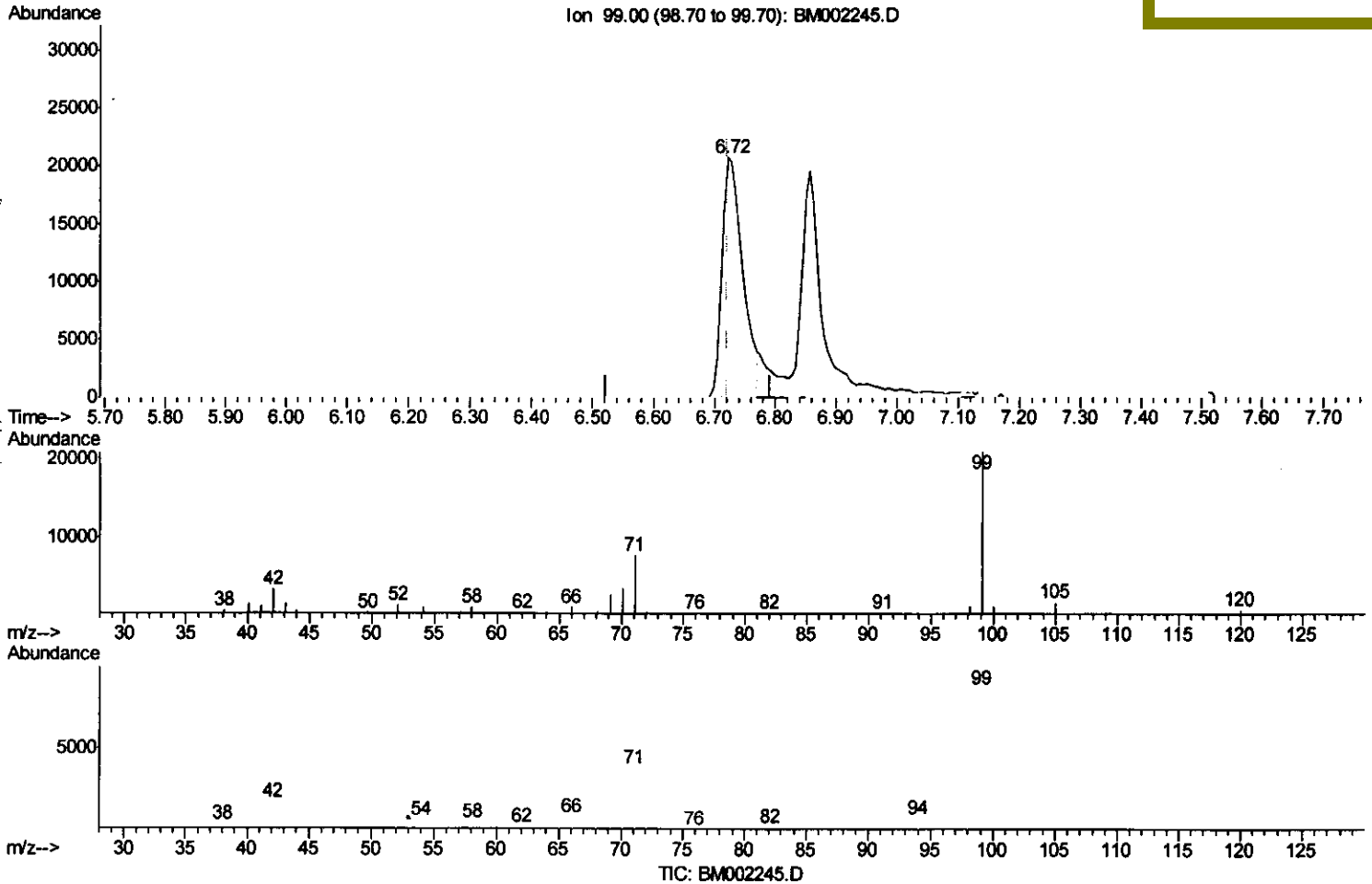
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002245.D
 Acq On : 05 Aug 2015 22:47
 Operator : TP/UM
 Sample : G3095-05RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R4RX

Quant Time: Aug 06 01:48:47 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

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(5) Phenol-d5 (S)

6.722min (+0.000) 16.23ng/ui

response 48650

Ion	Exp%	Act%
99.00	100	100
71.00	36.60	37.09
42.00	16.10	16.03
0.00	0.00	0.00

Quantitation Report (Qedit)

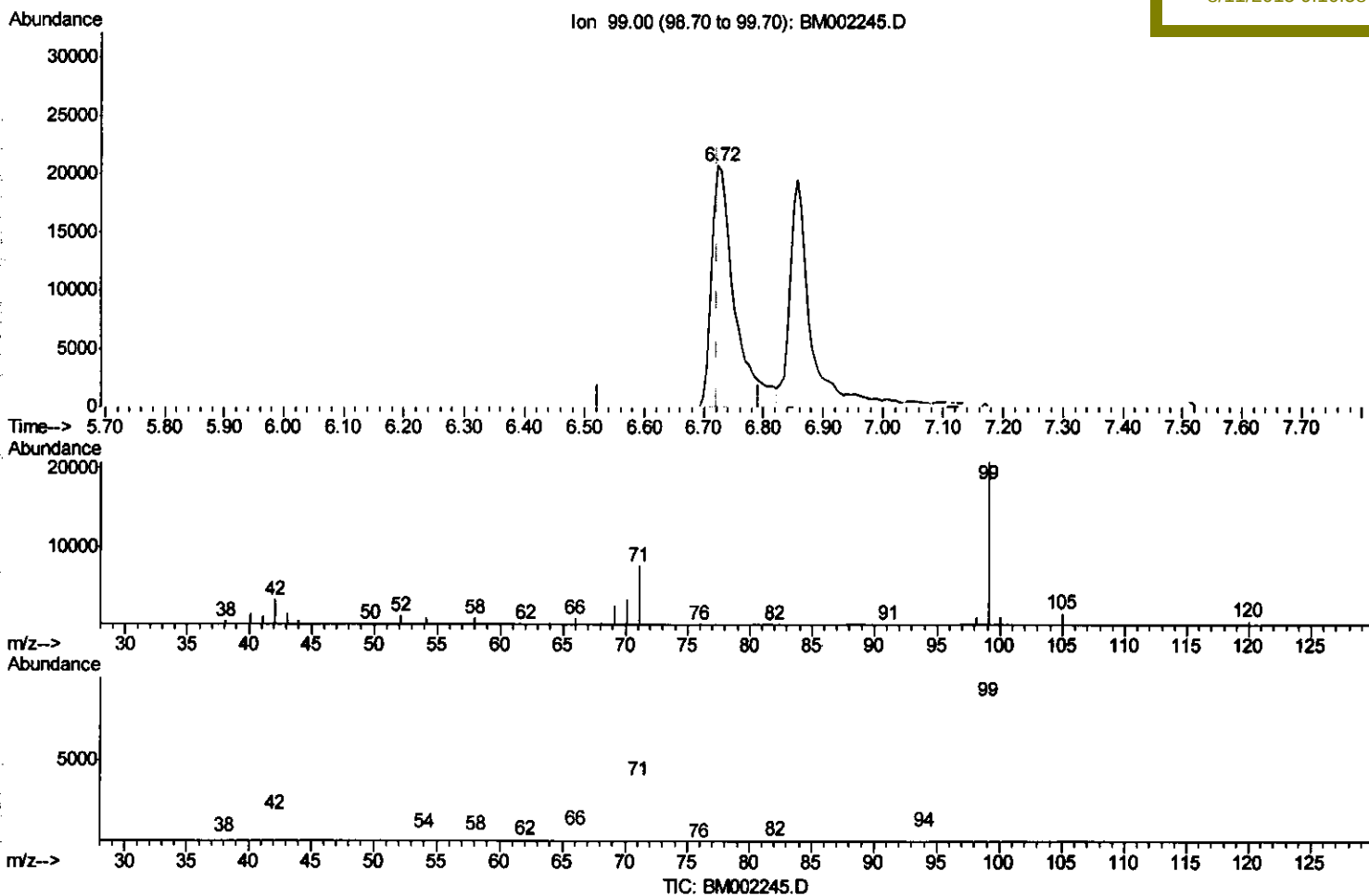
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
Data File : BM002245.D
Acq On : 05 Aug 2015 22:47
Operator : TP/UM
Sample : G3095-05RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01R4RX

Quant Time: Aug 06 01:48:47 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
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(5) Phenol-d5 (S)

6.722min (+0.000) 18.65ng/ul m

response 55884

Ion	Exp%	Act%
99.00	100	100
71.00	36.60	37.09
42.00	16.10	16.03
0.00	0.00	0.00

Quantitation Report (Qedit)

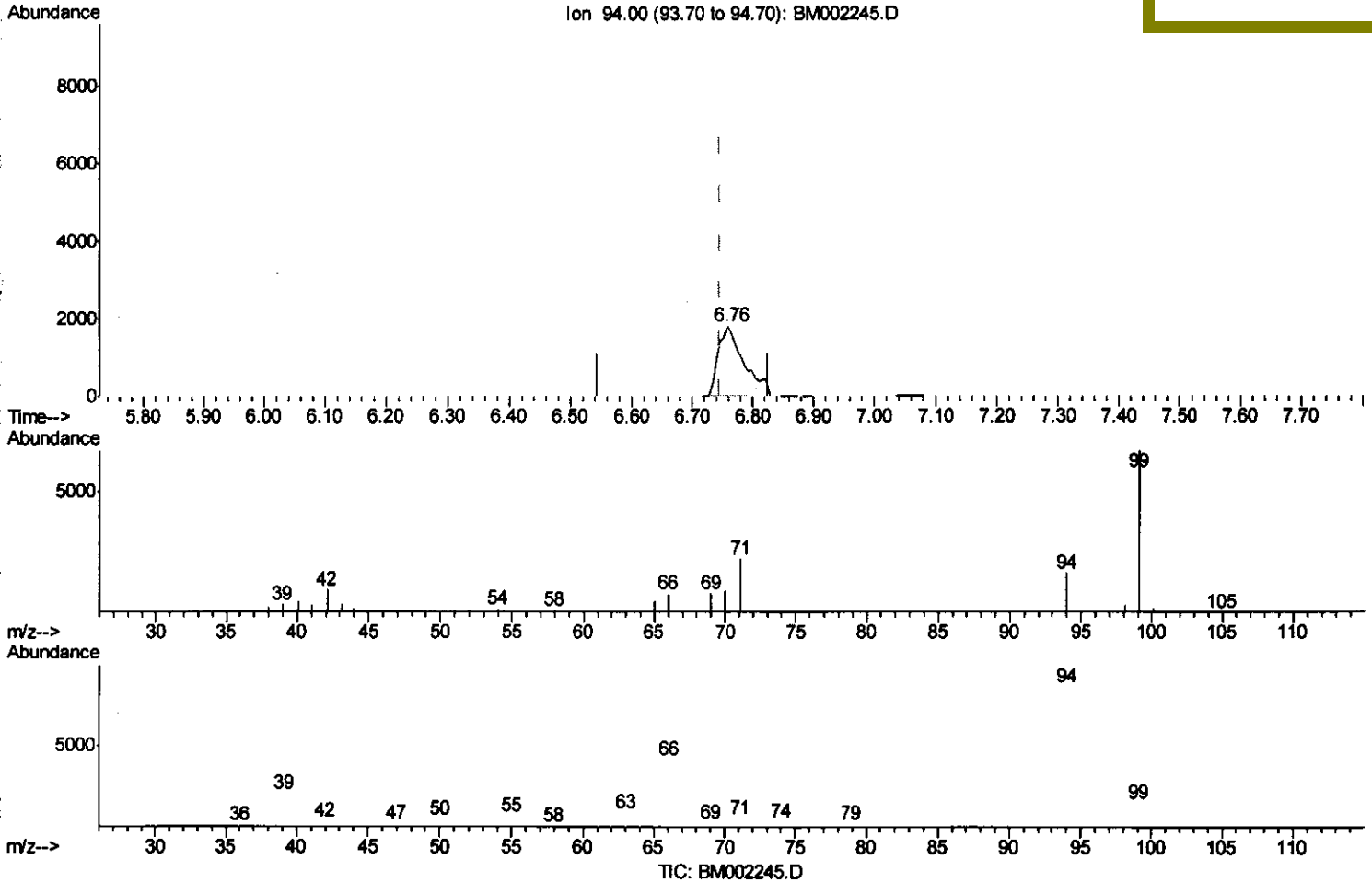
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002245.D
 Acq On : 05 Aug 2015 22:47
 Operator : TP/UM
 Sample : G3095-05RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R4RX

Quant Time: Aug 06 01:48:47 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
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(6) Phenol

6.757min (+0.012) 1.59ng/ul

response 4849

Ion	Exp%	Act%
94.00	100	100
65.00	29.20	39.43#
66.00	41.50	55.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

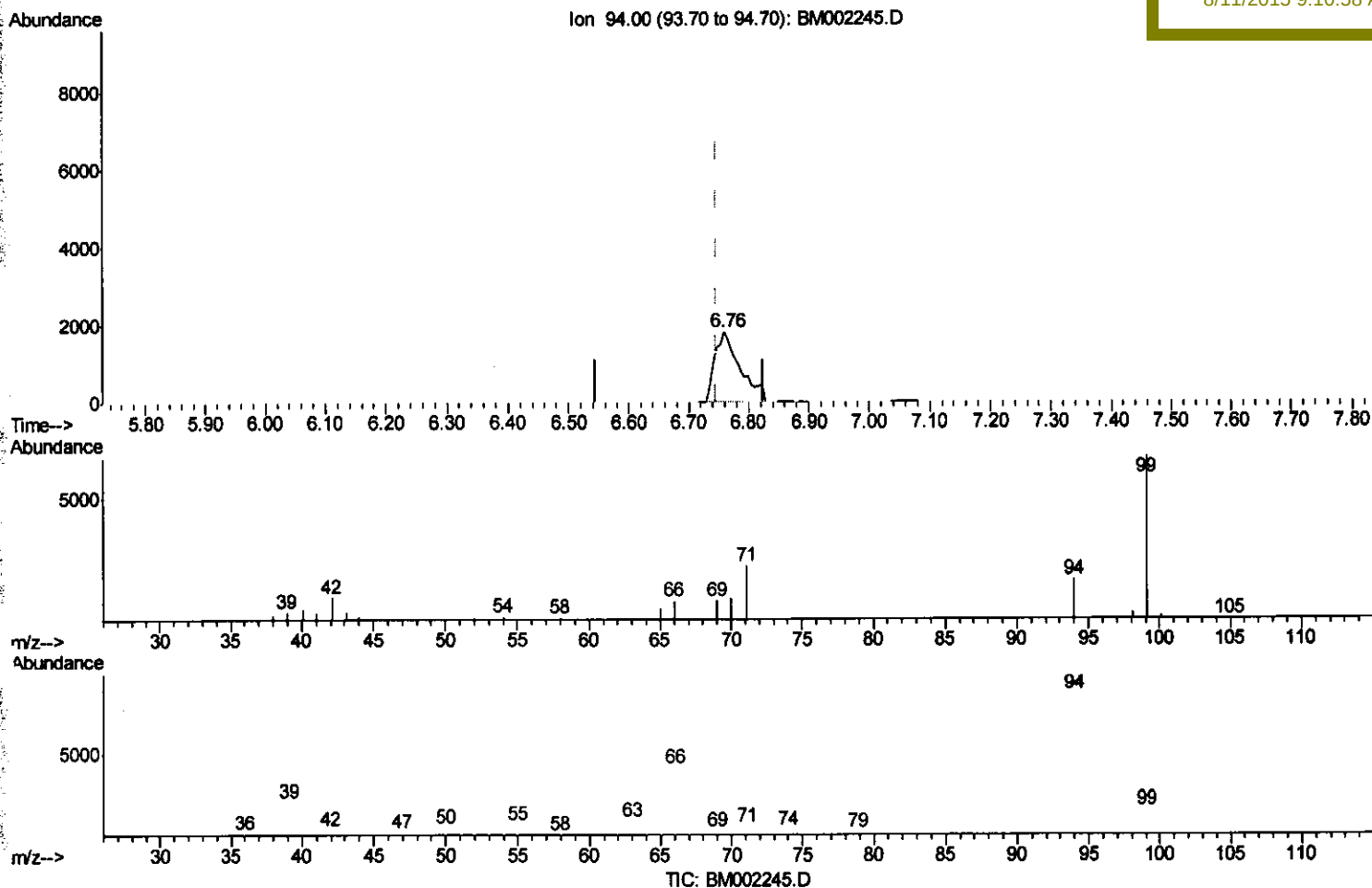
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
Data File : BM002245.D
Acq On : 05 Aug 2015 22:47
Operator : TP/UM
Sample : G3095-05RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 06 06:07:16 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

Instrument :
BNA_M
ClientSampleId :
C01R4RX

Manual Integrations
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(6) Phenol

6.757min (+0.012) 1.74ng/ul m

response 5285

Ion	Exp%	Act%
94.00	100	100
65.00	29.20	39.43#
66.00	41.50	55.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

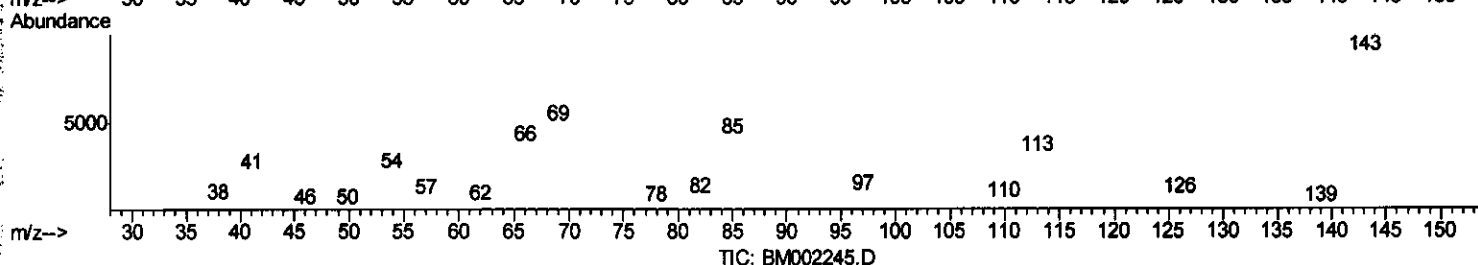
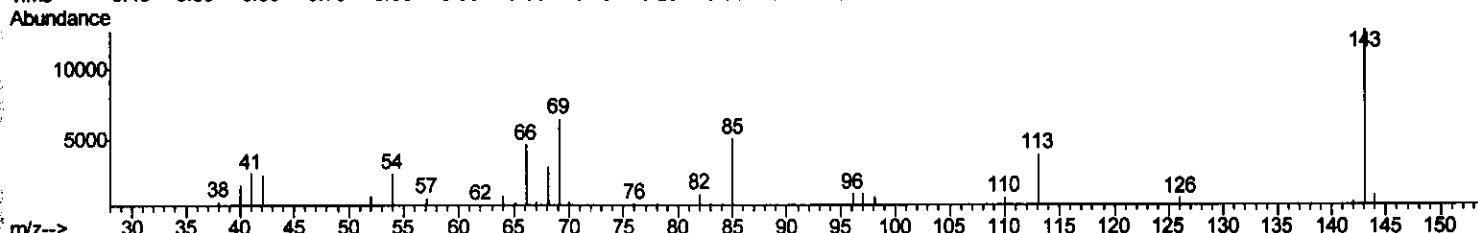
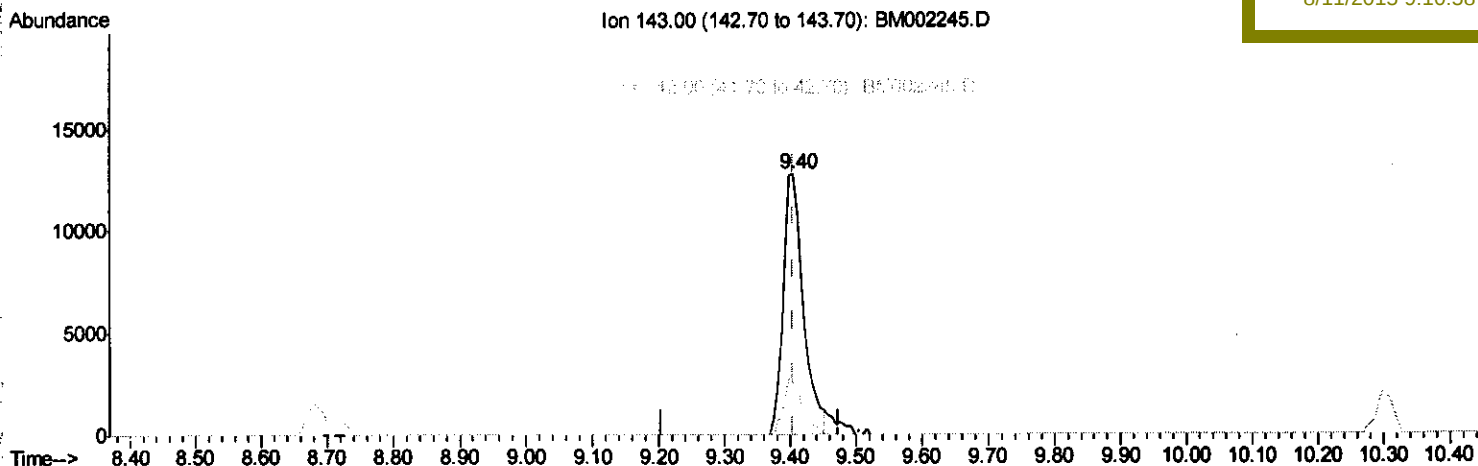
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002245.D
 Acq On : 05 Aug 2015 22:47
 Operator : TP/UM
 Sample : G3095-05RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R4RX

Quant Time: Aug 06 01:48:47 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
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(22) 2-Nitrophenol-d4 (S)

9.404min (+0.000) 18.10ng/ul

response 27175

Ion	Exp%	Act%
143.00	100	100
69.00	48.40	50.96
41.00	19.50	20.69
42.00	19.90	19.82

Quantitation Report (Qedit)

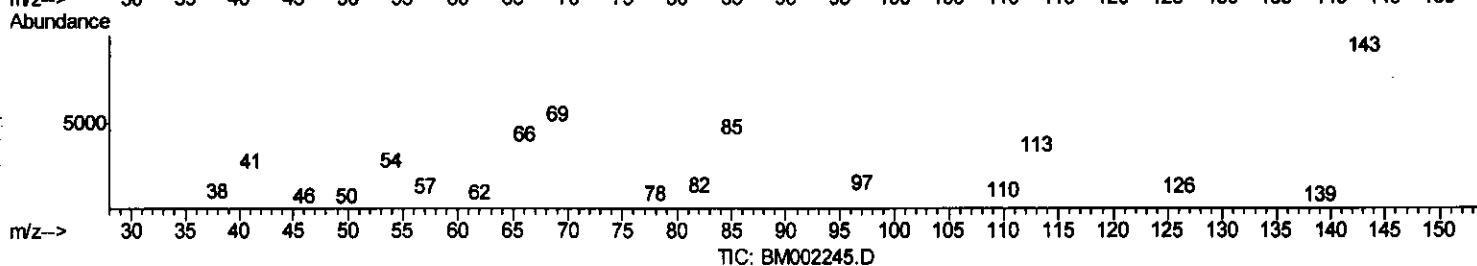
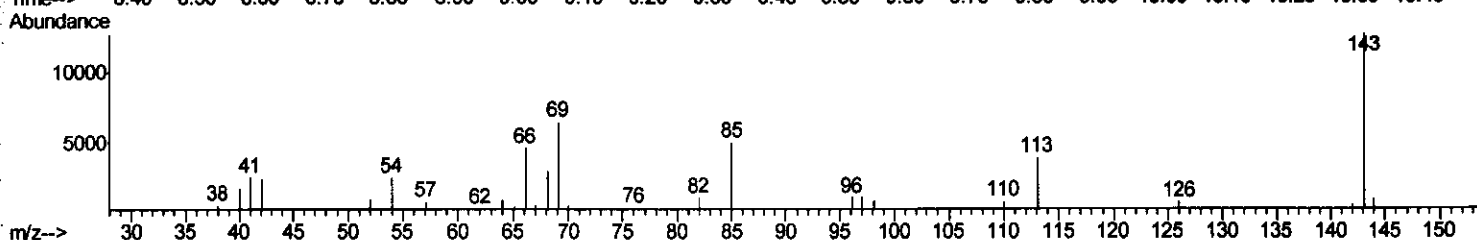
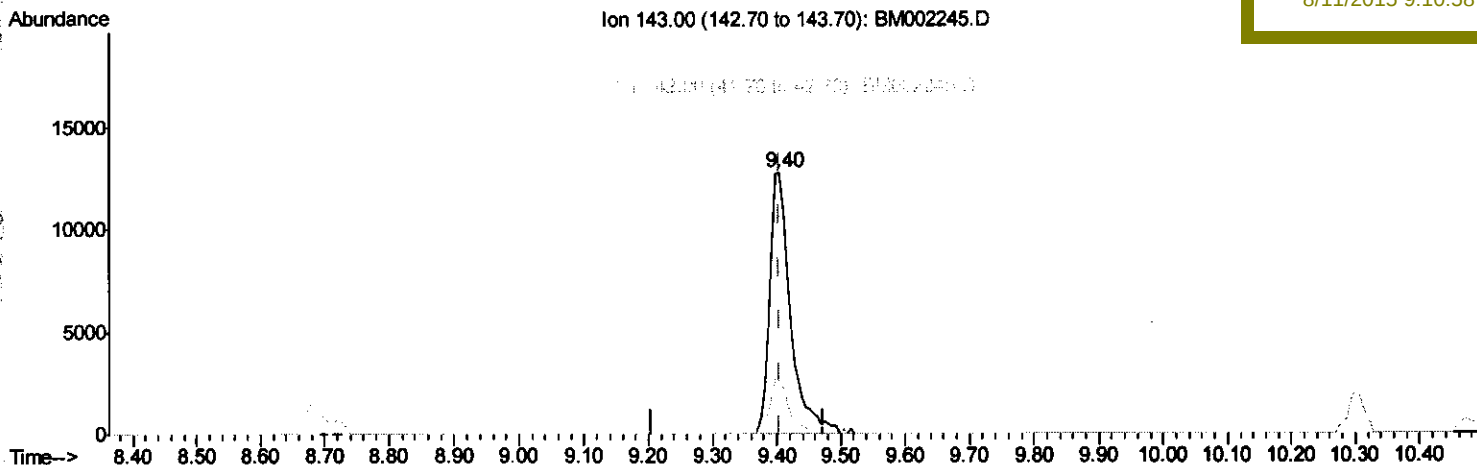
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002245.D
 Acq On : 05 Aug 2015 22:47
 Operator : TP/UM
 Sample : G3095-05RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R4RX

Quant Time: Aug 06 01:48:47 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
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(22) 2-Nitrophenol-d4 (S)

9.404min (+0.000) 19.13ng/ul m

response 28720

Ion	Exp%	Act%
143.00	100	100
69.00	48.40	50.96
41.00	19.50	20.69
42.00	19.90	19.82

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Quantitation Report (Qedit)

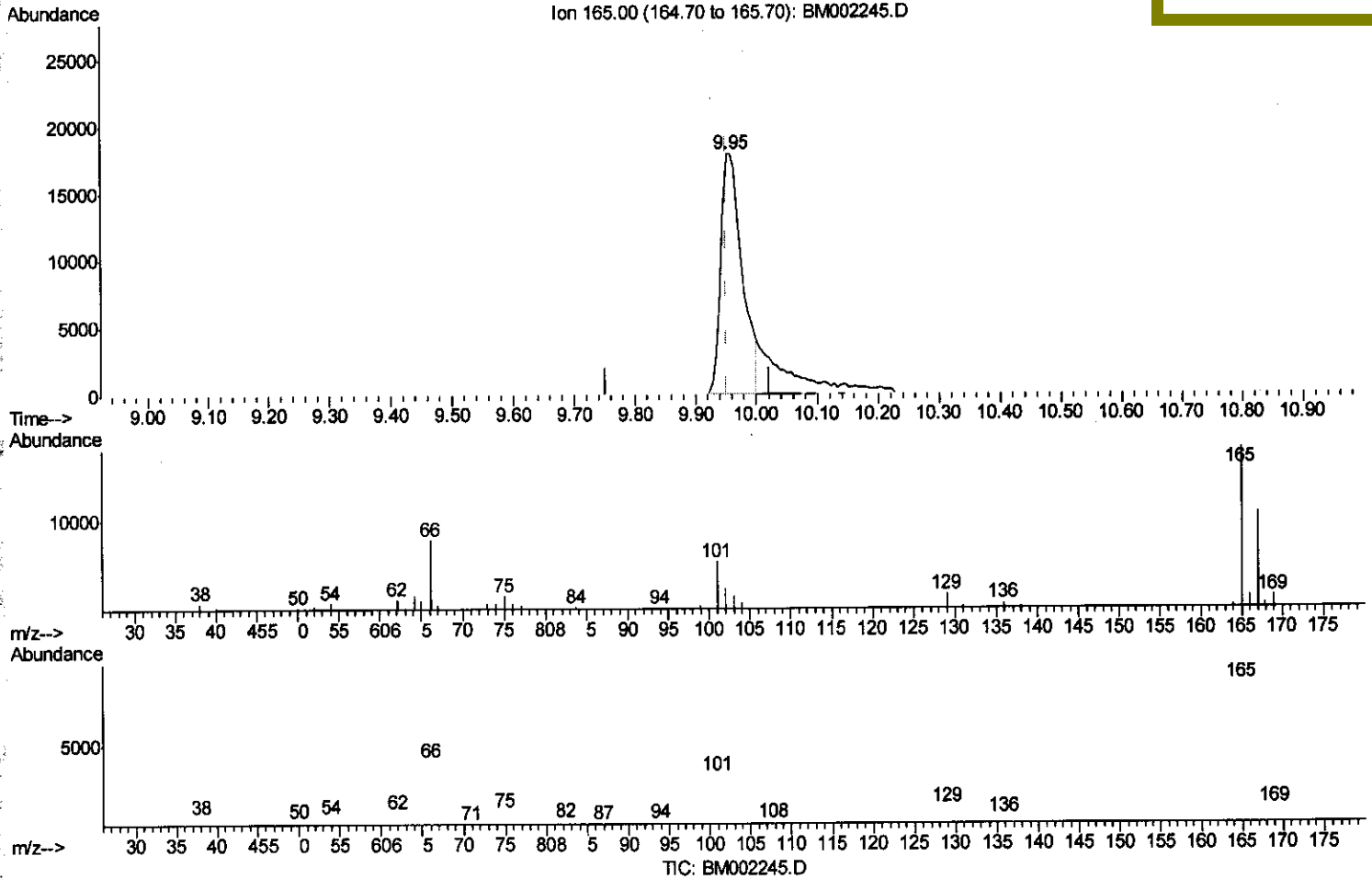
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002245.D
 Acq On : 05 Aug 2015 22:47
 Operator : TP/UM
 Sample : G3095-05RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R4RX

Quant Time: Aug 06 01:48:47 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
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(26) 2,4-Dichlorophenol-d3 (S)

9.951min (+0.000) 15.02ng/ul

response 43162

Ion	Exp%	Act%
165.00	100	100
167.00	64.70	59.88
101.00	31.90	30.58
0.00	0.00	0.00

Quantitation Report (Qedit)

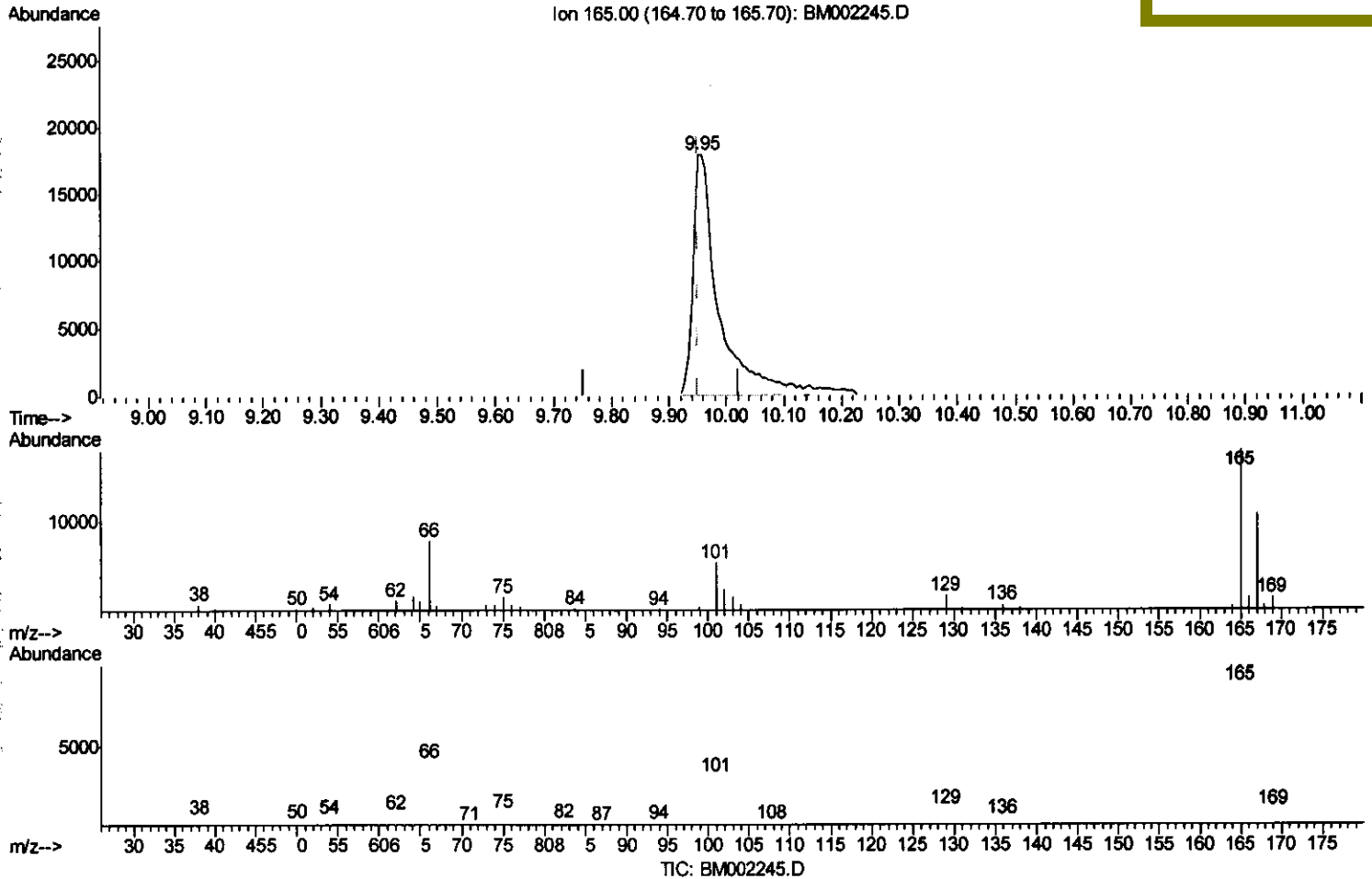
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002245.D
 Acq On : 05 Aug 2015 22:47
 Operator : TP/UM
 Sample : G3095-05RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 C01R4RX

Quant Time: Aug 06 01:48:47 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
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(26) 2,4-Dichlorophenol-d3 (S)

9.951min (+0.000) 18.91ng/ul m

response 54337

Ion	Exp%	Act%
165.00	100	100
167.00	64.70	59.88
101.00	31.90	30.58
0.00	0.00	0.00

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Quantitation Report (Qedit)

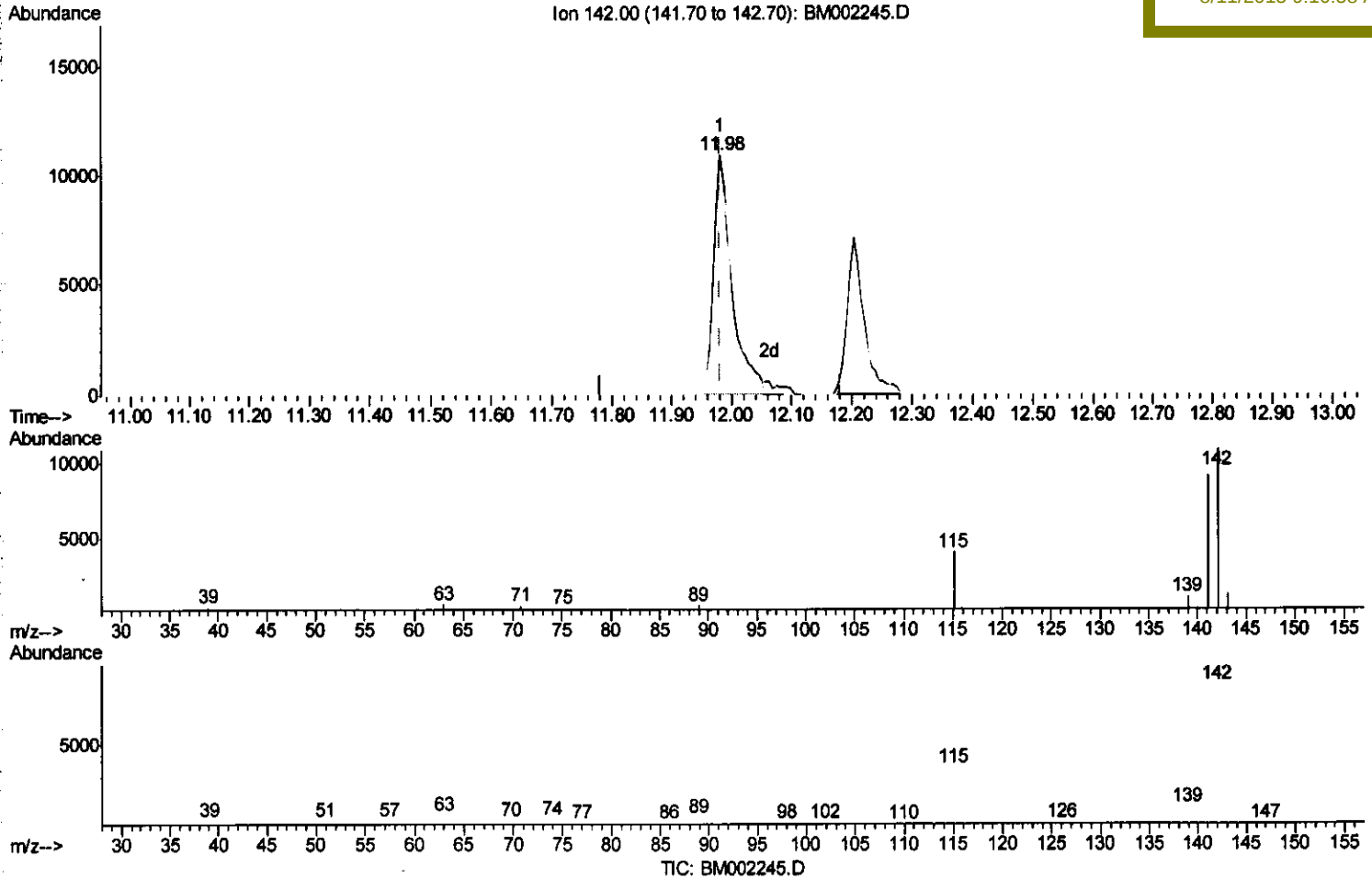
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002245.D
 Acq On : 05 Aug 2015 22:47
 Operator : TP/UM
 Sample : G3095-05RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R4RX

Quant Time: Aug 06 01:48:47 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
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(34) 2-Methylnaphthalene

11.980min (+0.000) 3.58ng/ul

response 22859

Ion	Exp%	Act%
142.00	100	100
141.00	86.10	84.32
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

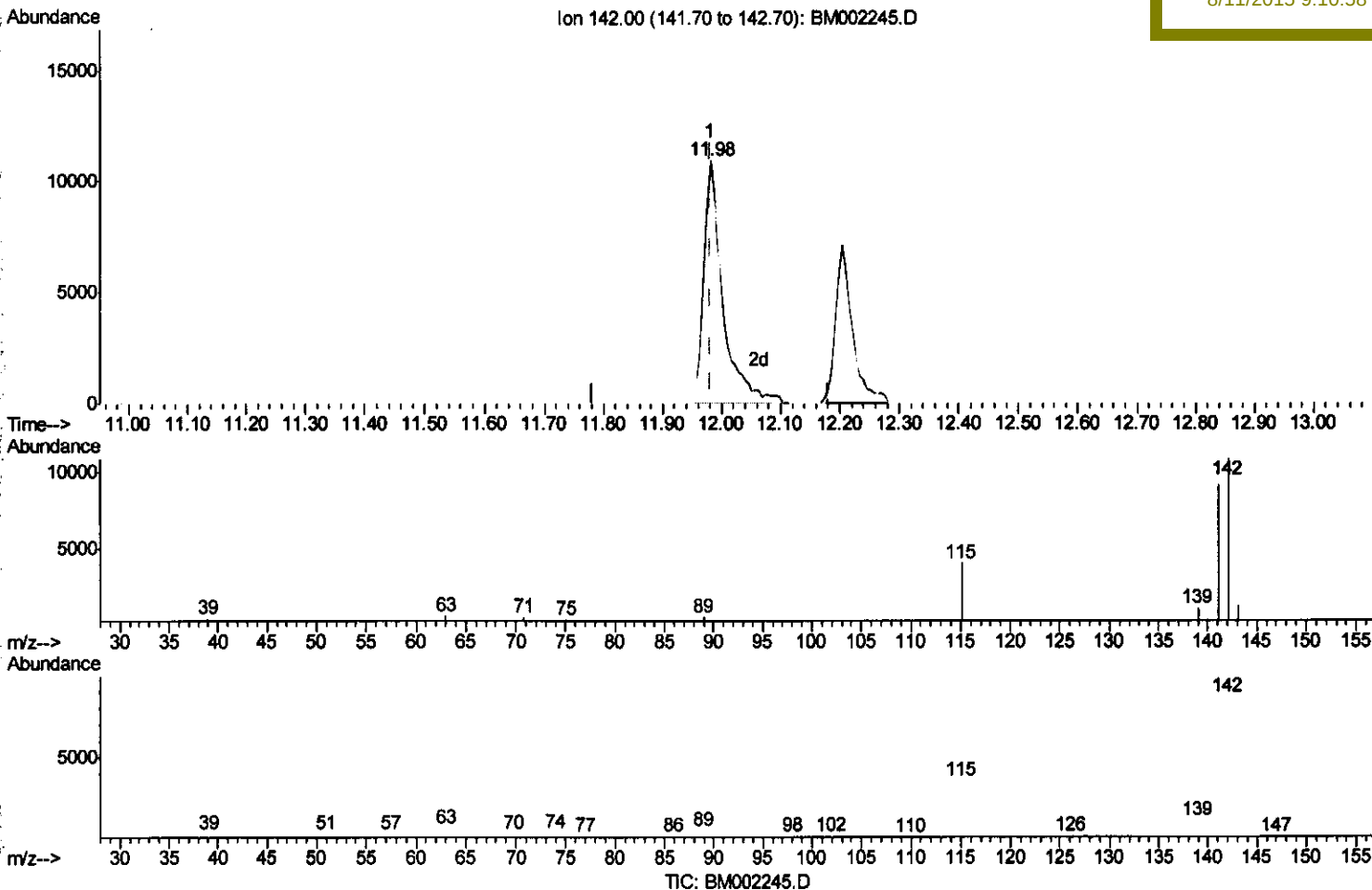
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002245.D
 Acq On : 05 Aug 2015 22:47
 Operator : TP/UM
 Sample : G3095-05RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R4RX

Quant Time: Aug 06 01:48:47 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
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(34) 2-Methylnaphthalene

11.980min (+0.000) 3.76ng/ul m

response 24006

Ion	Exp%	Act%
142.00	100	100
141.00	86.10	84.32
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

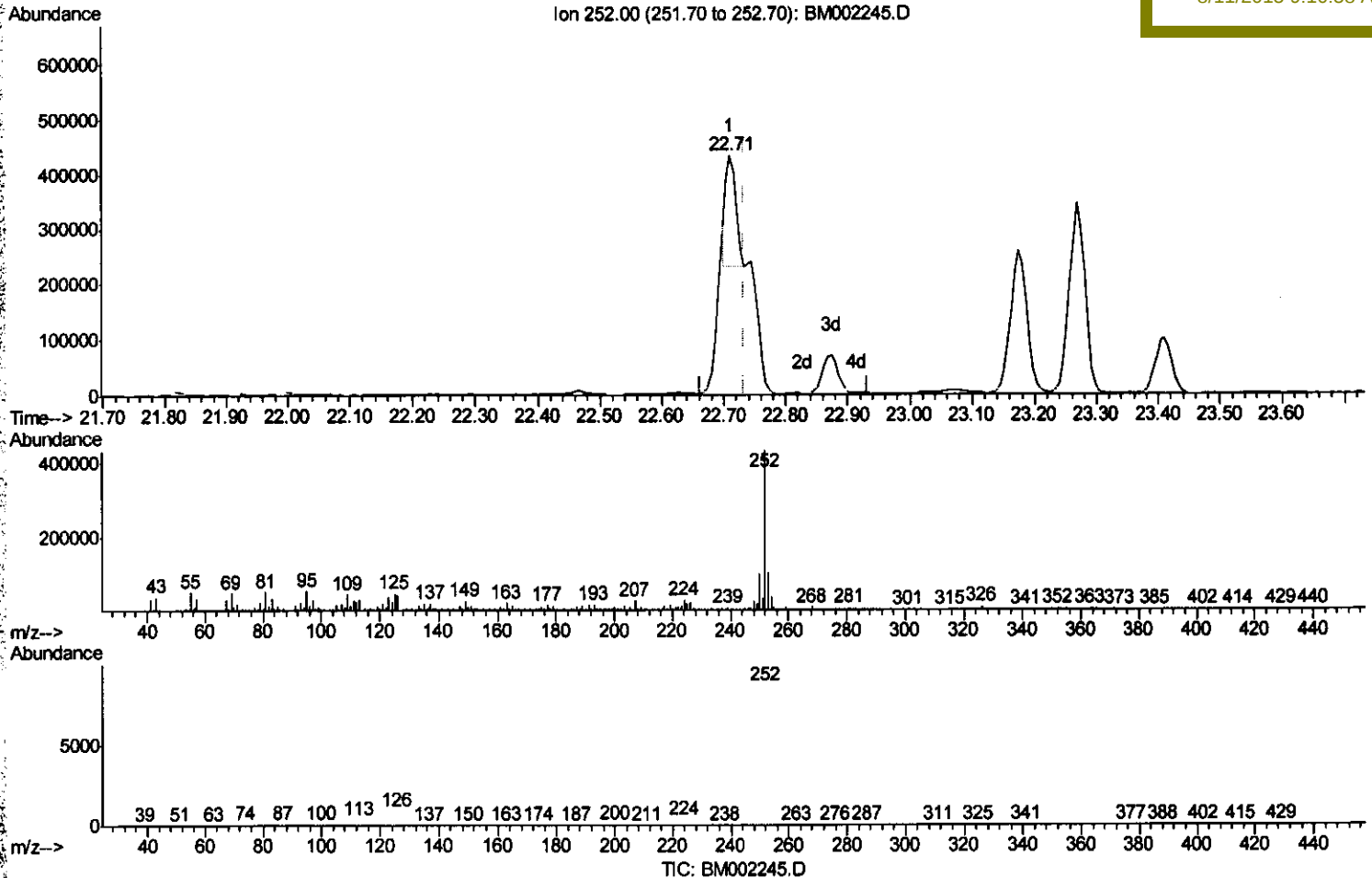
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
Data File : BM002245.D
Acq On : 05 Aug 2015 22:47
Operator : TP/UM
Sample : G3095-05RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 06 01:48:47 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

Instrument :
BNA_M
ClientSampleId :
C01R4RX

Manual Integrations
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(89) Benzo(k)fluoranthene

22.709min (-0.023) 16.66ng/ui

response 234595

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.30
125.00	7.00	10.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

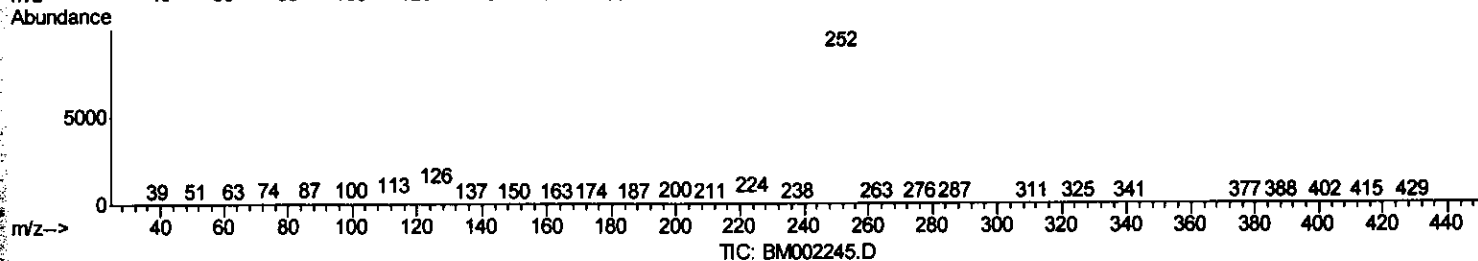
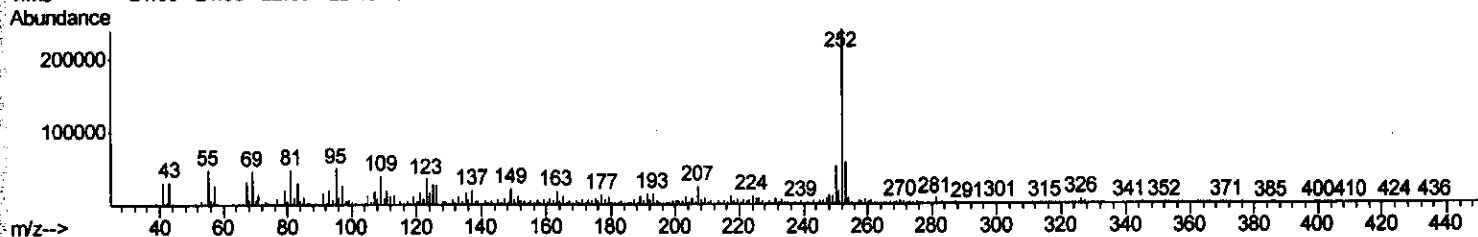
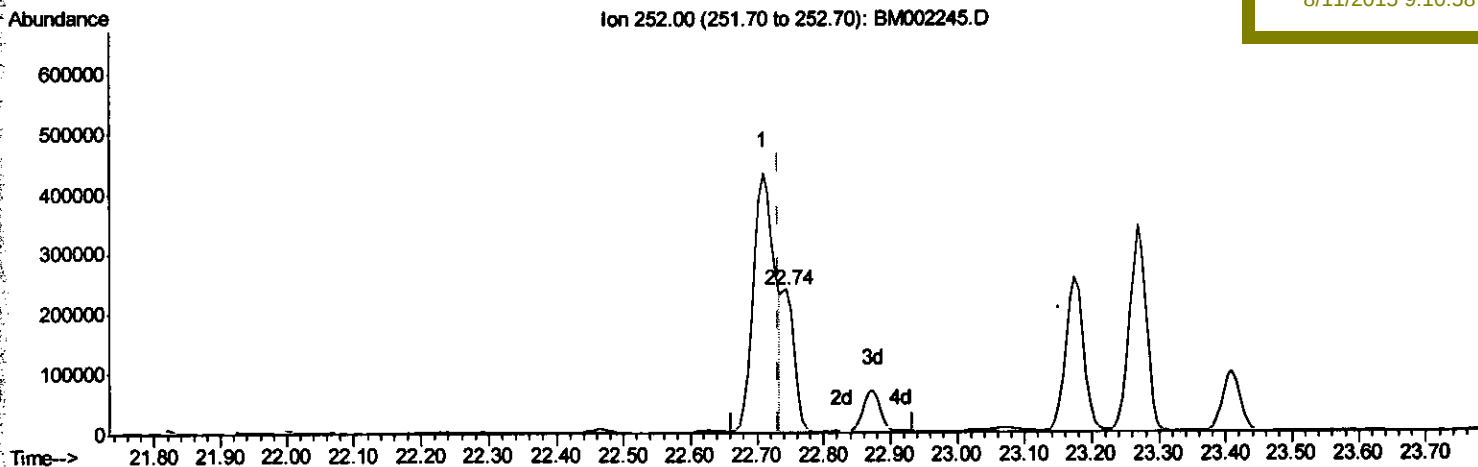
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002245.D
 Acq On : 05 Aug 2015 22:47
 Operator : TP/UM
 Sample : G3095-05RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R4RX

Quant Time: Aug 06 01:48:47 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

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(89) Benzo(k)fluoranthene

22.744min (+0.012) 22.43ng/ul m

response 315739

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 08/05/15

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.17
125.00	7.00	11.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

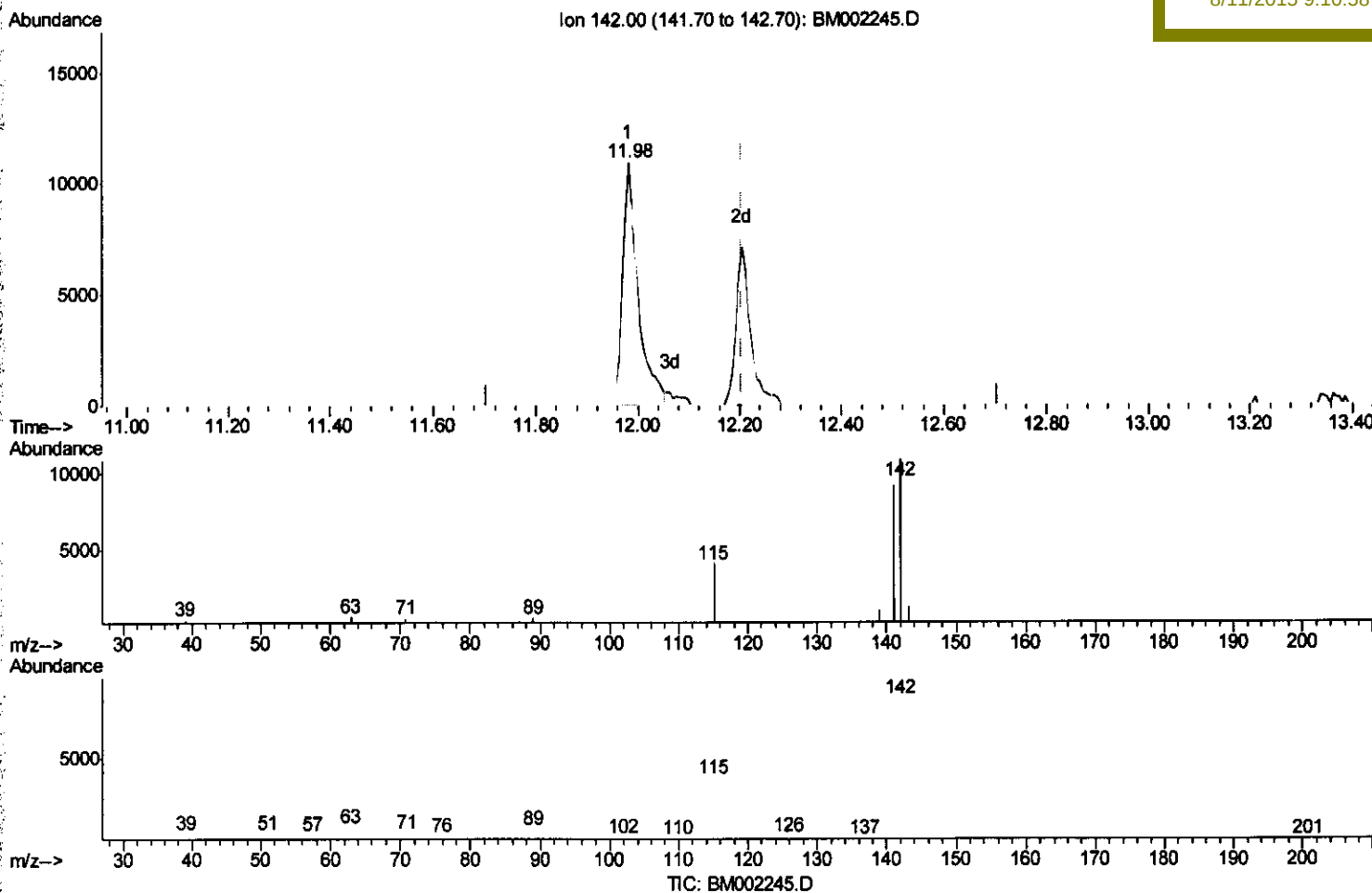
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
Data File : BM002245.D
Acq On : 05 Aug 2015 22:47
Operator : TP/UM
Sample : G3095-05RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 06 06:08:28 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

Instrument :
BNA_M
ClientSampleId :
C01R4RX

Manual Integrations
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(35) 1-Methylnaphthalene

11.980min (-0.223) 3.74ng/ul

response 22859

Ion	Exp%	Act%
142.00	100	100
141.00	88.70	84.32
116.00	4.10	3.58
0.00	0.00	0.00

Quantitation Report (Qedit)

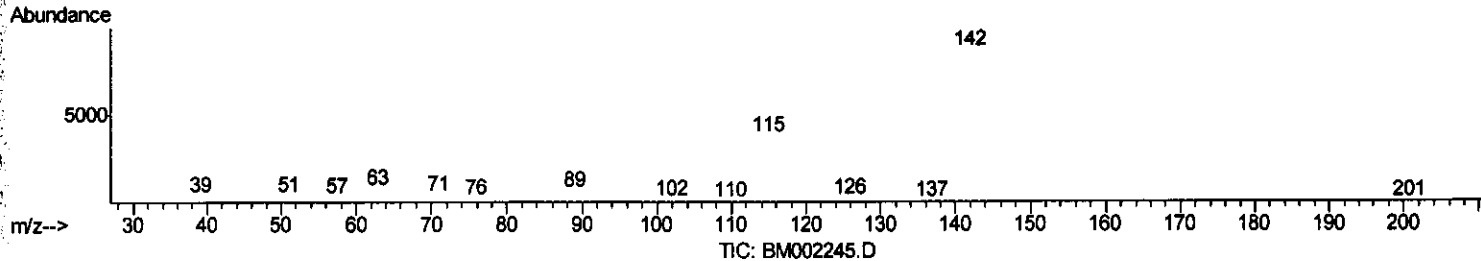
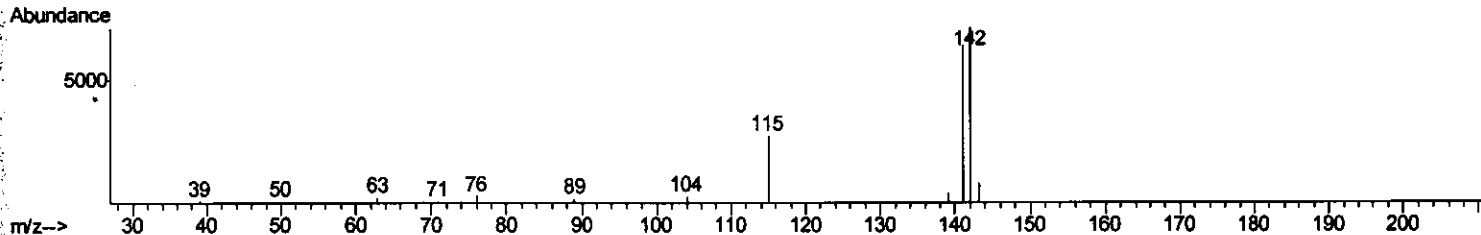
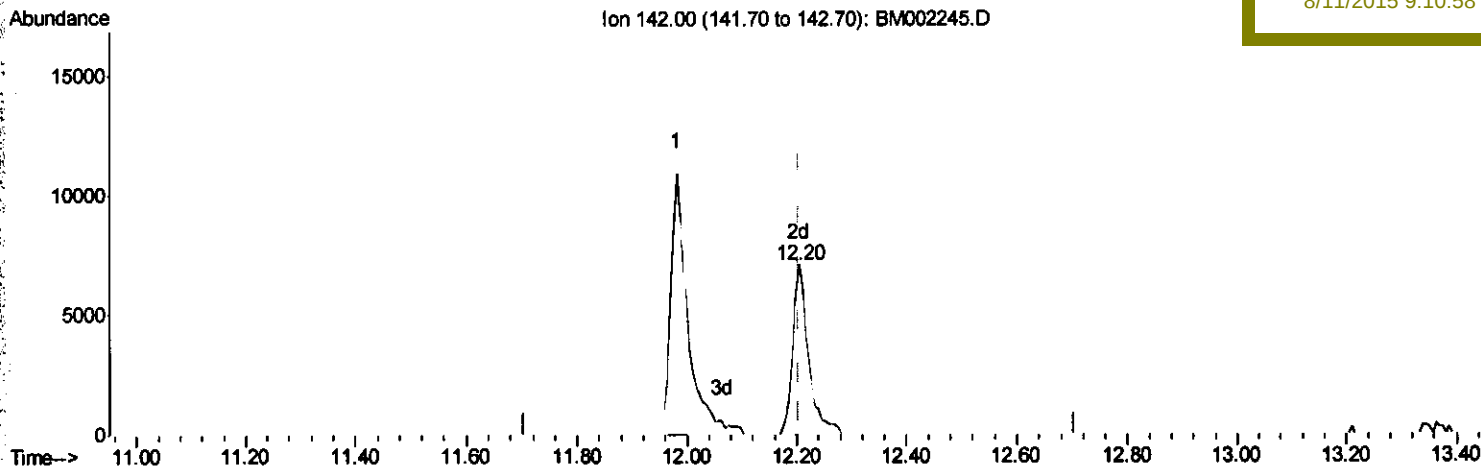
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002245.D
 Acq On : 05 Aug 2015 22:47
 Operator : TP/UM
 Sample : G3095-05RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R4RX

Quant Time: Aug 06 06:08:28 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
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(35) 1-Methylnaphthalene

12.204min (+0.000) 2.27ng/ul m

response 13872

Ion	Exp%	Act%
142.00	100	100
141.00	88.70	90.07
116.00	4.10	0.00#
0.00	0.00	0.00

> T. P
 08/05/15

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002245.D
 Acq On : 05 Aug 2015 22:47
 Operator : TP/UM
 Sample : G3095-05RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 C01R4RX

Quant Time: Aug 06 06:09:47 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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	40339	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	175584	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	114687	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	268500	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	305924	20.00	ng/ul	0.01
86) Perylene-d12	23.36	264	258005	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.95	96	2073	2.92	ng/uL	0.00
5) Phenol-d5	6.72	99	55884m	18.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	30363	19.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	49601	19.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	43725	17.57	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	24566	19.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	28720m	19.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	54337m	18.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	41812	13.15	ng/ul	0.01
44) Dimethylphthalate-d6	13.60	166	181166	21.72	ng/ul	0.00
47) Acenaphthylene-d8	13.88	160	225404	21.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	20303	18.78	ng/ul	0.02
58) Fluorene-d10	15.19	176	167525	22.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	2423	1.57	ng/ul	0.01
71) Anthracene-d10	17.05	188	266816	22.33	ng/ul	0.00
79) Pyrene-d10	19.36	212	308515	21.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	274217	21.89	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	6.76	94	5285m	1.74	ng/ul	
14) Acetophenone	8.35	105	4970	1.26	ng/ul	99
16) 4-Methylphenol	8.33	108	4192	1.59	ng/ul	85
28) Naphthalene	10.35	128	48621	5.85	ng/ul#	96
34) 2-Methylnaphthalene	11.98	142	24006m	3.76	ng/ul	
35) 1-Methylnaphthalene	12.20	142	13872m	2.27	ng/ul	
45) Dimethylphthalate	13.65	163	105767	12.71	ng/ul	98
48) Acenaphthylene	13.91	152	28960	2.69	ng/ul	98
50) Acenaphthene	14.26	153	30599	4.36	ng/ul	98
54) Dibenzofuran	14.60	168	32976	3.24	ng/ul	93
57) Diethylphthalate	15.02	149	14016	1.75	ng/ul	98
59) Fluorene	15.25	166	44197	5.28	ng/ul	98
70) Phenanthrene	16.99	178	706832	51.27	ng/ul	100
72) Anthracene	17.09	178	193060	13.70	ng/ul	99
75) Carbazole	17.37	167	102393	8.72	ng/ul	98
76) Di-n-butylphthalate	17.92	149	225854	16.27	ng/ul	98
77) Fluoranthene	19.03	202	1418659	94.02	ng/ul	100
80) Pyrene	19.39	202	1216984	64.72	ng/ul	98
81) Butylbenzylphthalate	20.29	149	118172	17.43	ng/ul	92
83) Benzo(a)anthracene	21.15	228	673990	39.33	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	507476	52.62	ng/ul	99
85) Chrysene	21.20	228	691899	43.85	ng/ul	96
88) Benzo(b)fluoranthene	22.71	252	938944	64.59	ng/ul#	95

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
Data File : BM002245.D
Acq On : 05 Aug 2015 22:47
Operator : TP/UM
Sample : G3095-05RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01R4RX

Quant Time: Aug 06 06:09:47 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

apatel
8/11/2015 9:10:58 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	22.74	252	315739m	22.43	ng/ul	
91) Benzo(a)pyrene	23.27	252	605074	43.58	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.57	276	424976	27.16	ng/ul	96
93) Dibenzo(a,h)anthracene	25.56	278	112713	8.45	ng/ul#	80
94) Benzo(a,h,i)perylene	26.26	276	394823	30.30	ng/ul	99

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

> T.P.
08/10/15