

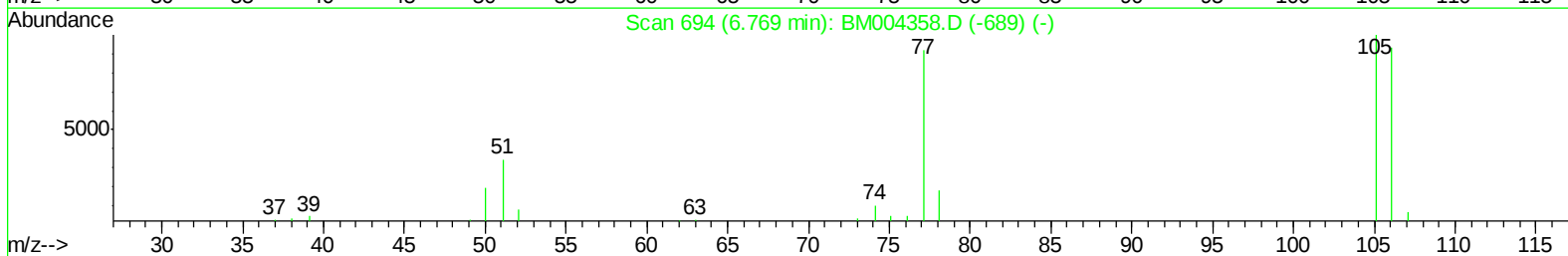
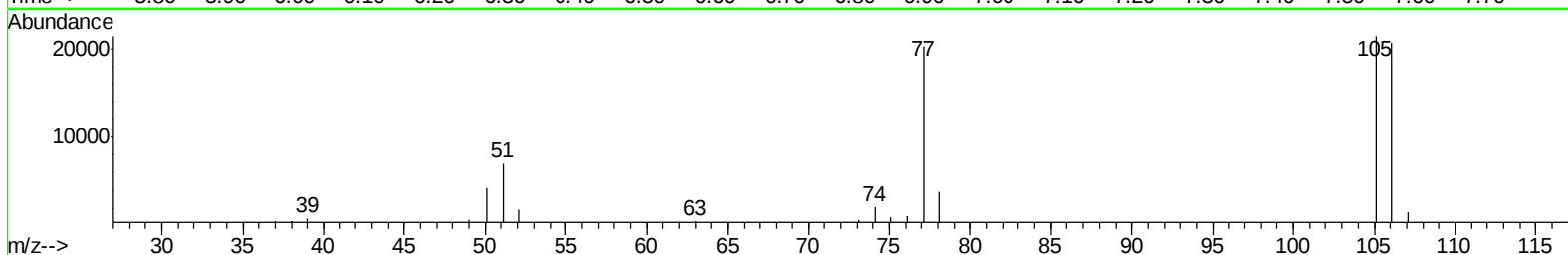
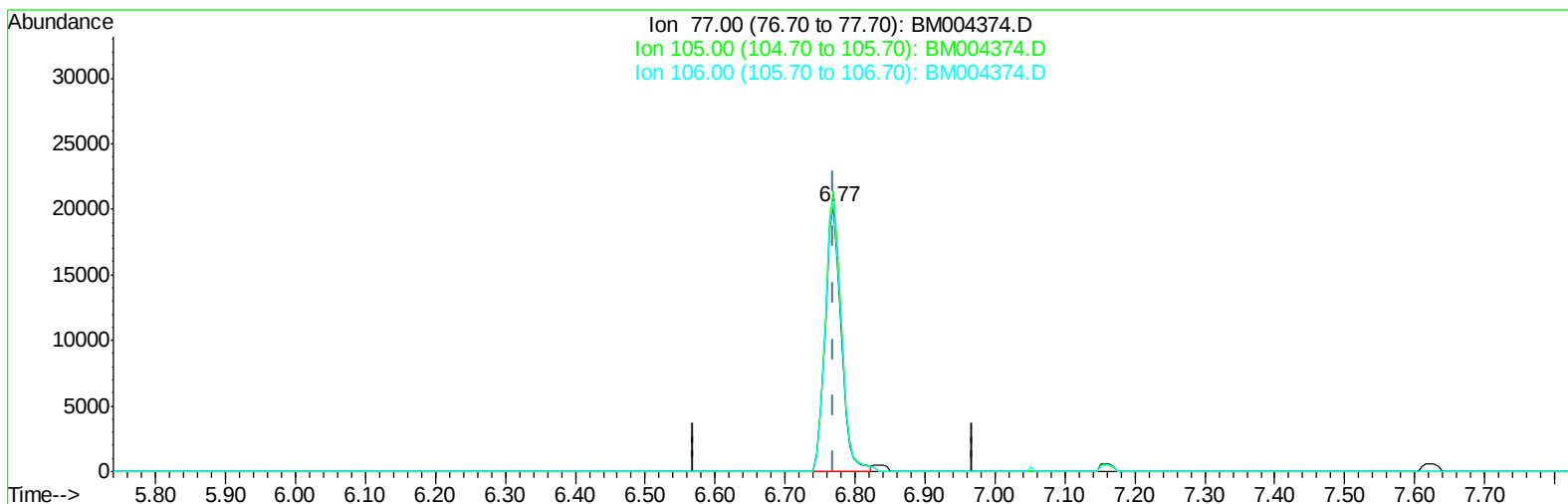
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Data File : BM004374.D
Acq On : 24 Feb 2016 05:47
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02053

Manual Integrations
APPROVED

UMANGI
2/24/2016 4:32:24 PM

Quant Time: Feb 24 07:03:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 02:51:42 2016
Response via : Initial Calibration



TIC: BM004374.D

(4) Benzaldehyde

6.769min (-0.000) 22.42ng/ul

response 32175

Ion	Exp%	Act%
77.00	100	100
105.00	100.70	105.82
106.00	97.10	102.22
0.00	0.00	0.00

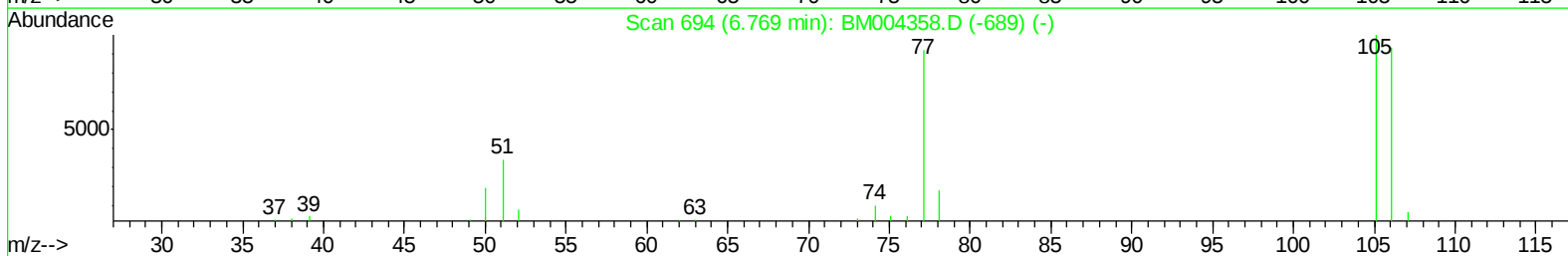
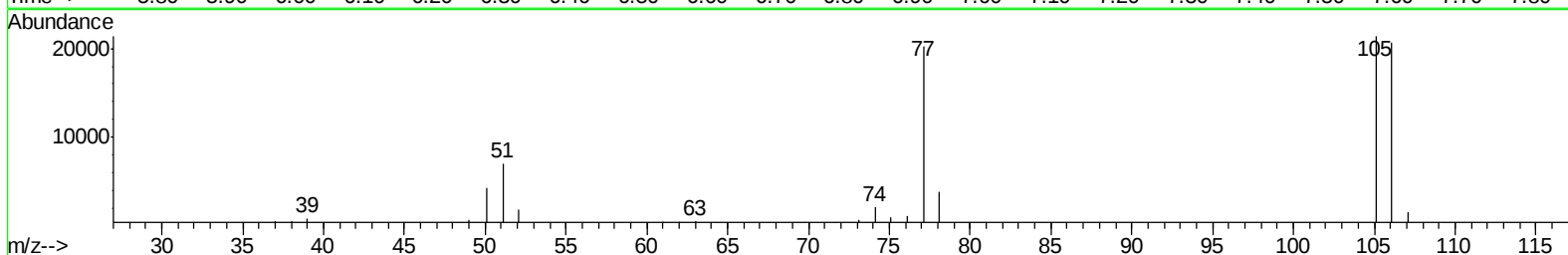
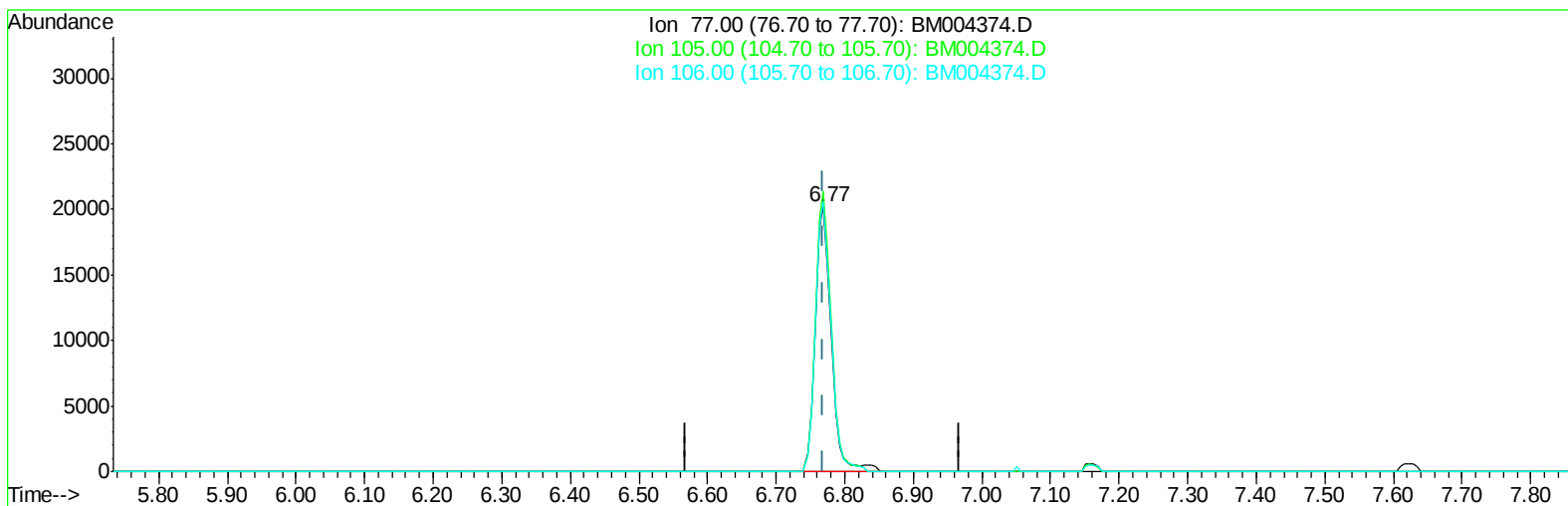
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004374.D
Acq On : 24 Feb 2016 05:47
Operator : SJ/UM
Sample : SSTDCCC020EC
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

UMANGI
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Quant Time: Feb 24 07:03:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 02:51:42 2016
Response via : Initial Calibration



TIC: BM004374.D

(4) Benzaldehyde

6.769min (-0.000) 22.89ng/ul m

response 32850

Ion	Exp%	Act%
77.00	100	100
105.00	100.70	105.82
106.00	97.10	102.22
0.00	0.00	0.00

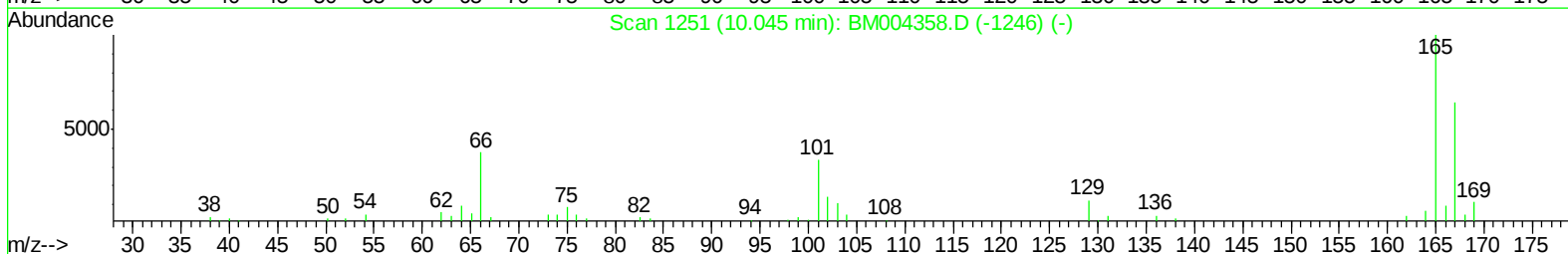
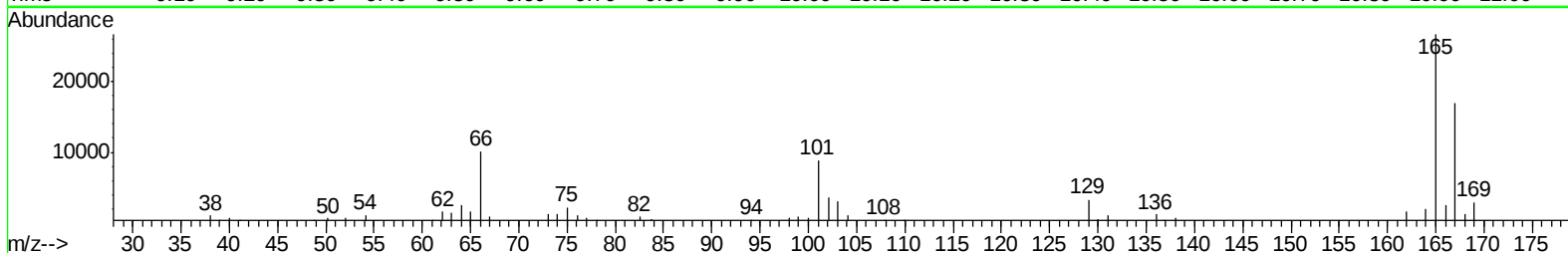
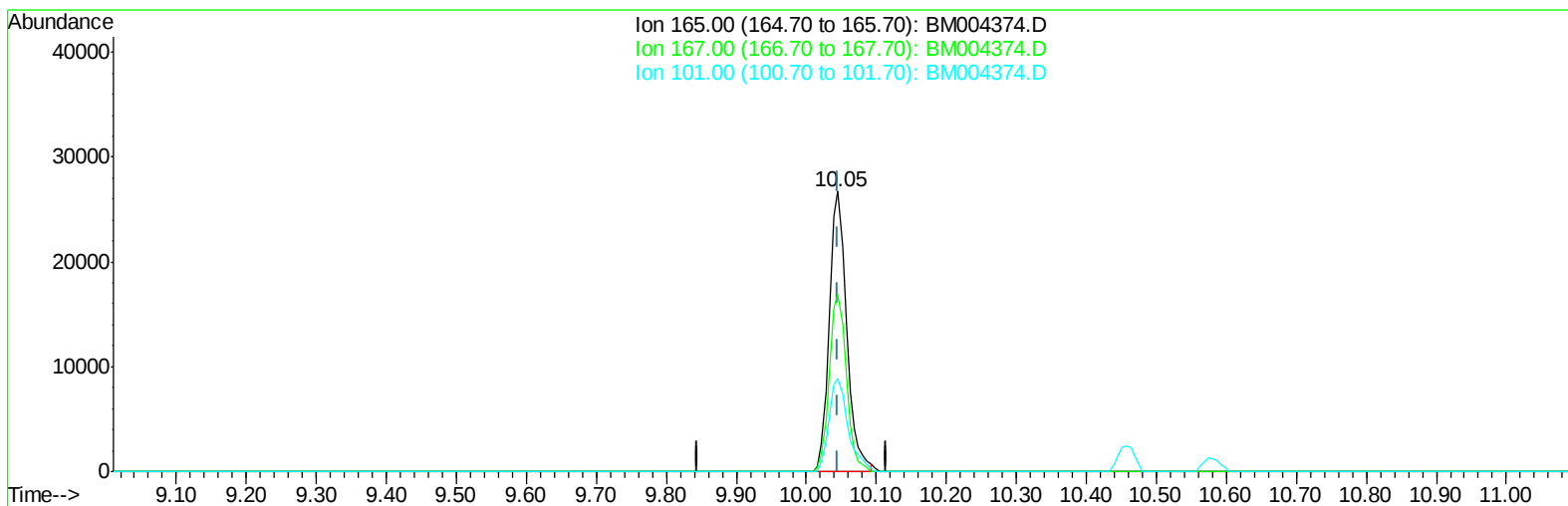
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004374.D
Acq On : 24 Feb 2016 05:47
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

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Quant Time: Feb 24 07:03:43 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 02:51:42 2016
Response via : Initial Calibration



TIC: BM004374.D

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

10.045min (-0.000) 19.45ng/ul

response 46133

Ion	Exp%	Act%
165.00	100	100
167.00	65.30	63.35
101.00	34.20	33.11
0.00	0.00	0.00

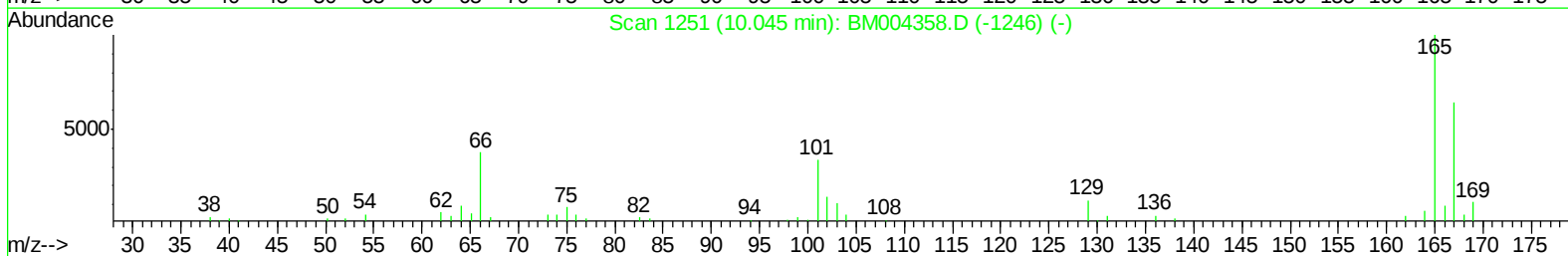
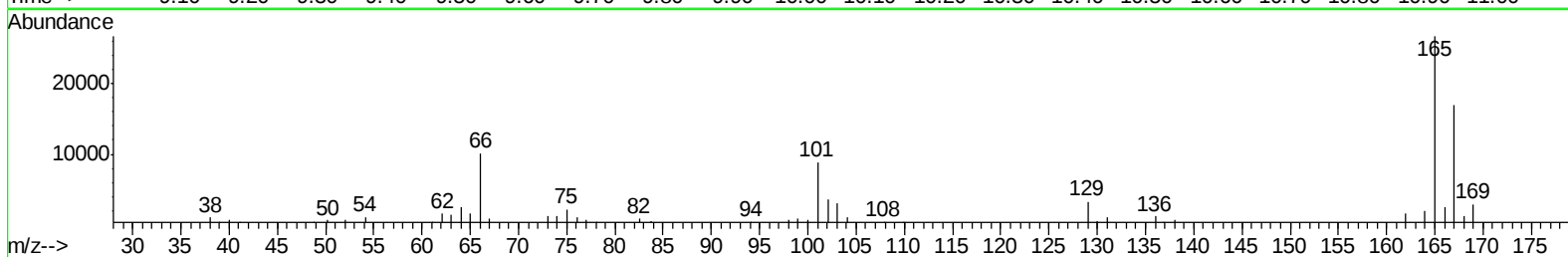
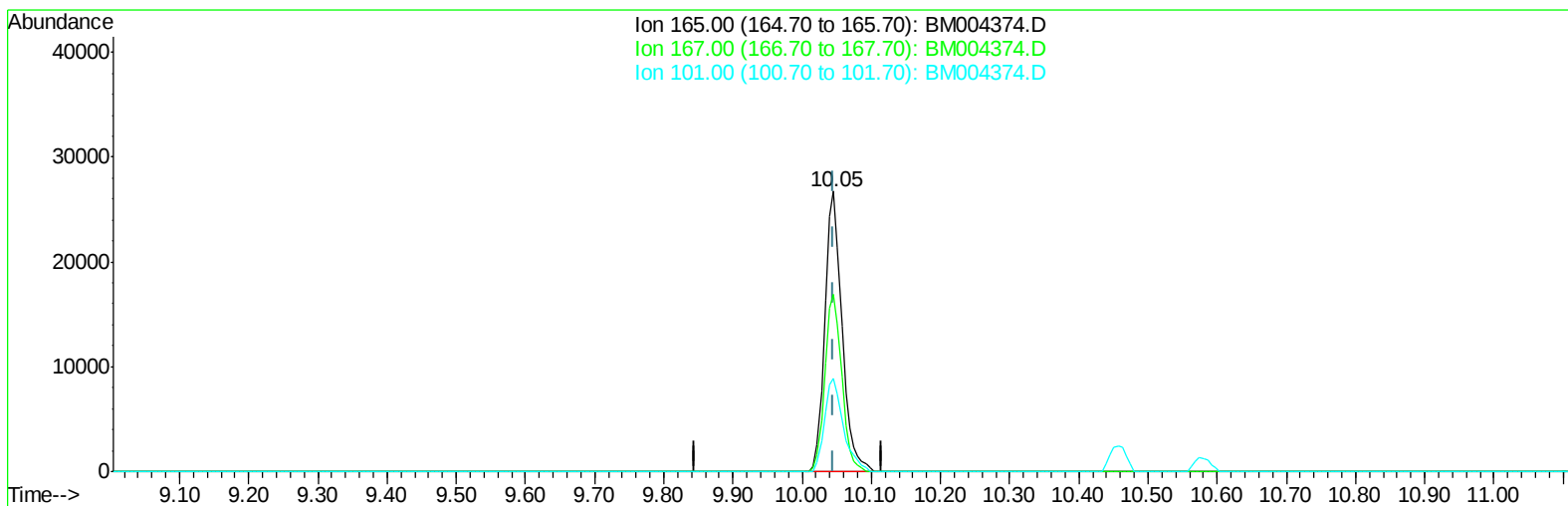
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004374.D
Acq On : 24 Feb 2016 05:47
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual Integrations
APPROVED

UMANGI
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Quant Time: Feb 24 07:03:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 02:51:42 2016
Response via : Initial Calibration



TIC: BM004374.D

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

10.045min (-0.000) 19.52ng/ul m

response 46279

Ion	Exp%	Act%
165.00	100	100
167.00	65.30	63.35
101.00	34.20	33.11
0.00	0.00	0.00

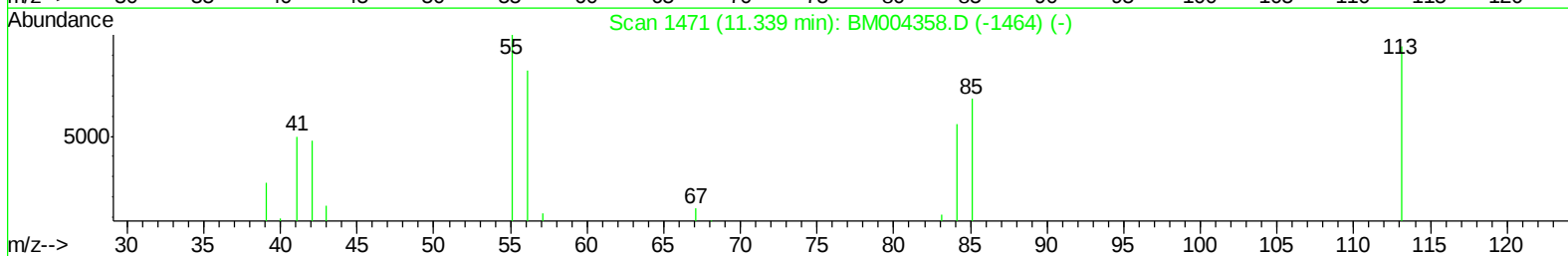
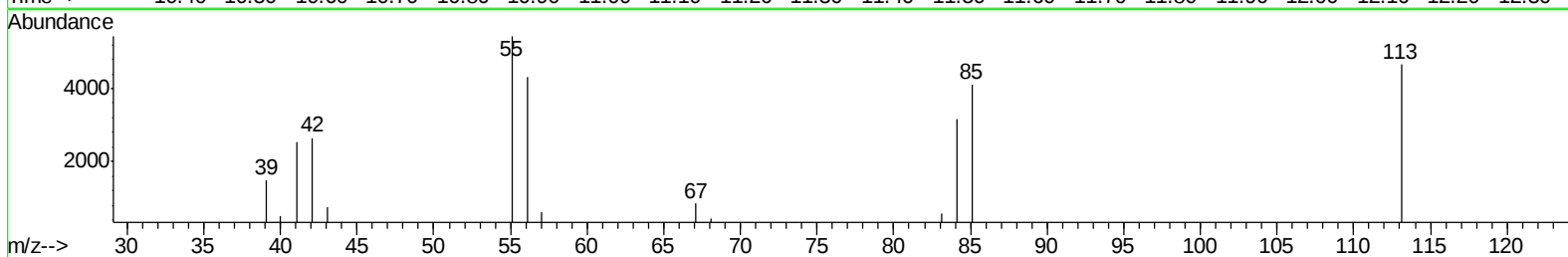
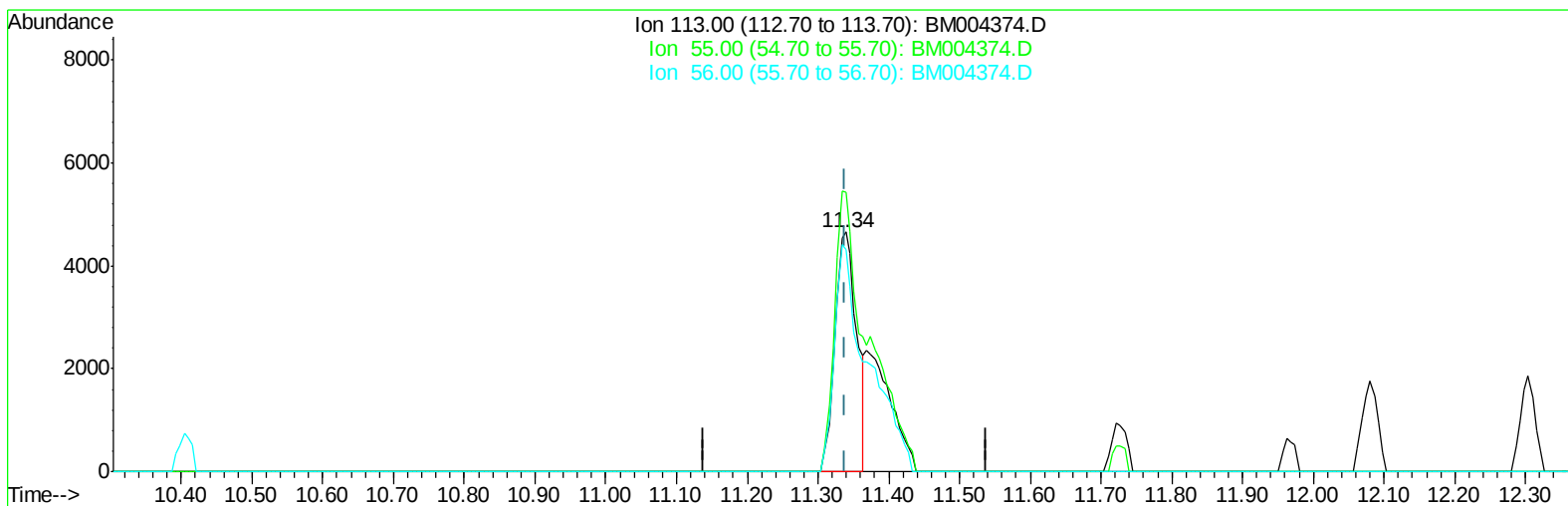
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004374.D
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Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Response via : Initial Calibration



TIC: BM004374.D

(32) Caprolactam

11.339min (-0.000) 11.33ng/ul

response 9855

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	116.67
56.00	101.50	92.50
0.00	0.00	0.00

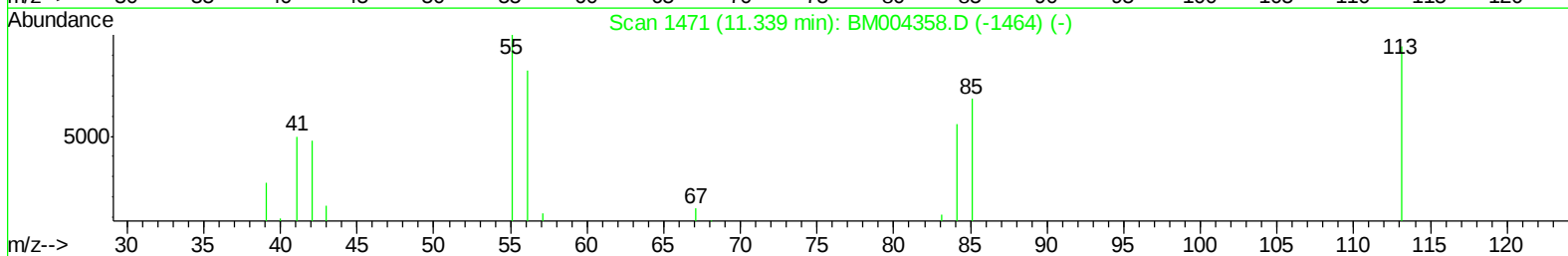
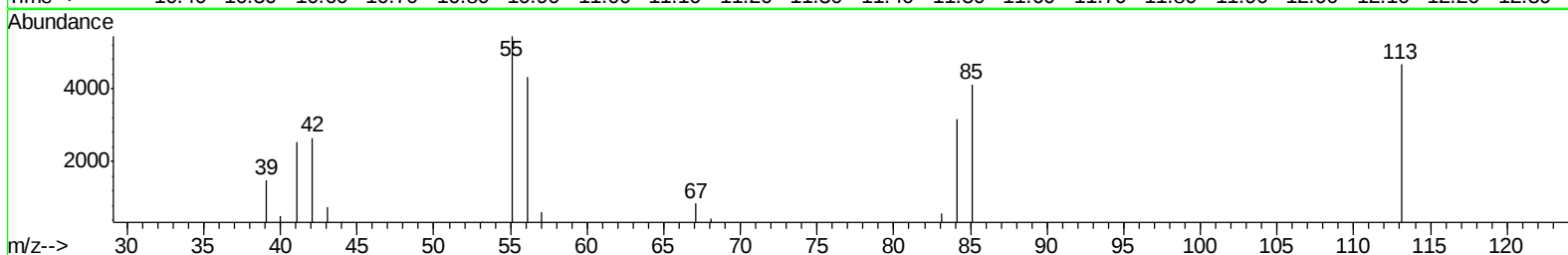
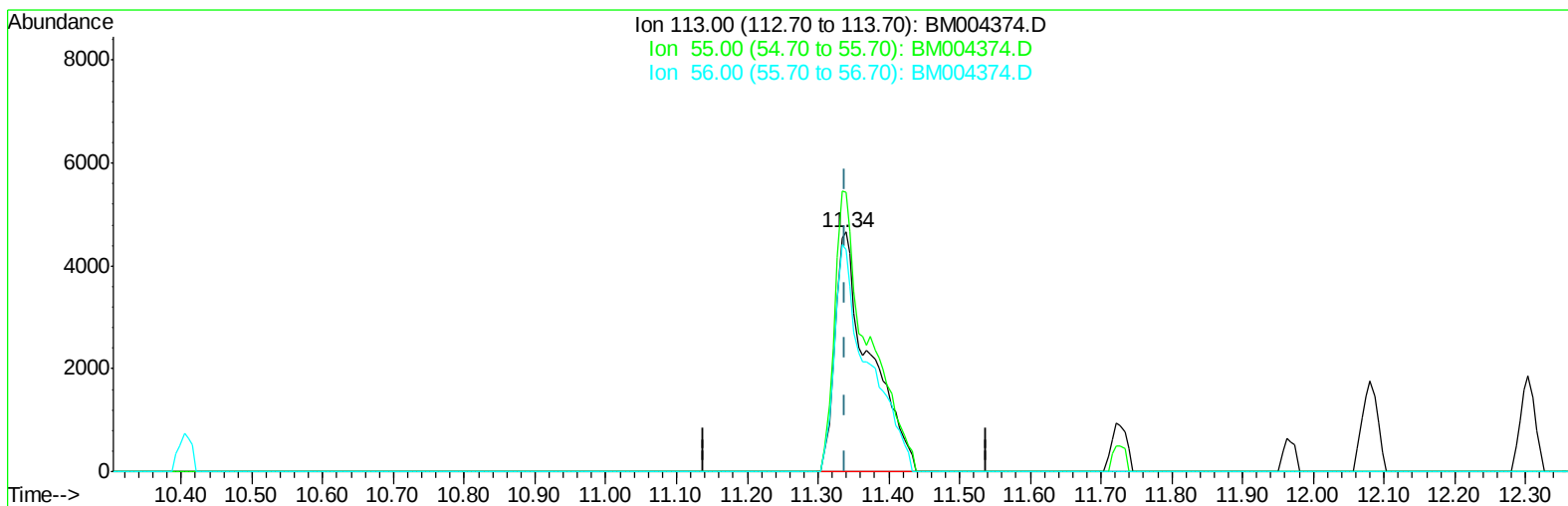
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004374.D
Acq On : 24 Feb 2016 05:47
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02053

Manual Integrations
APPROVED

UMANGI
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Quant Time: Feb 24 07:03:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 02:51:42 2016
Response via : Initial Calibration



TIC: BM004374.D

(32) Caprolactam

11.339min (-0.000) 18.21ng/ul m

response 15839

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	116.67
56.00	101.50	92.50
0.00	0.00	0.00

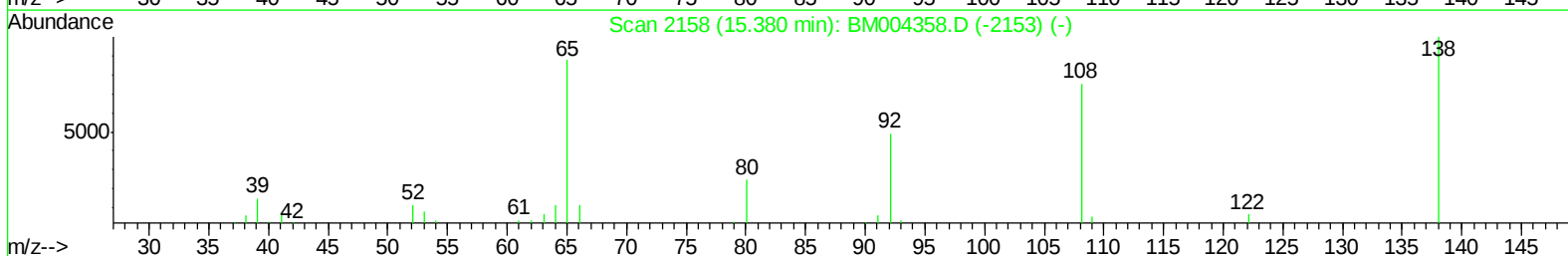
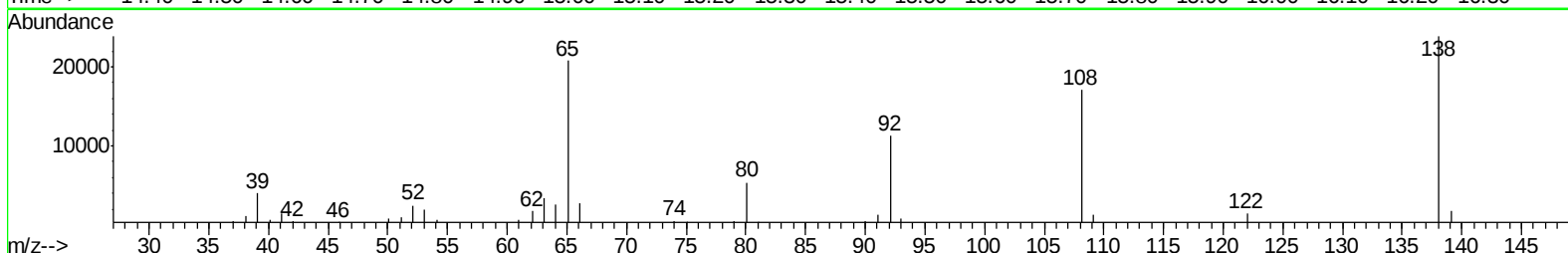
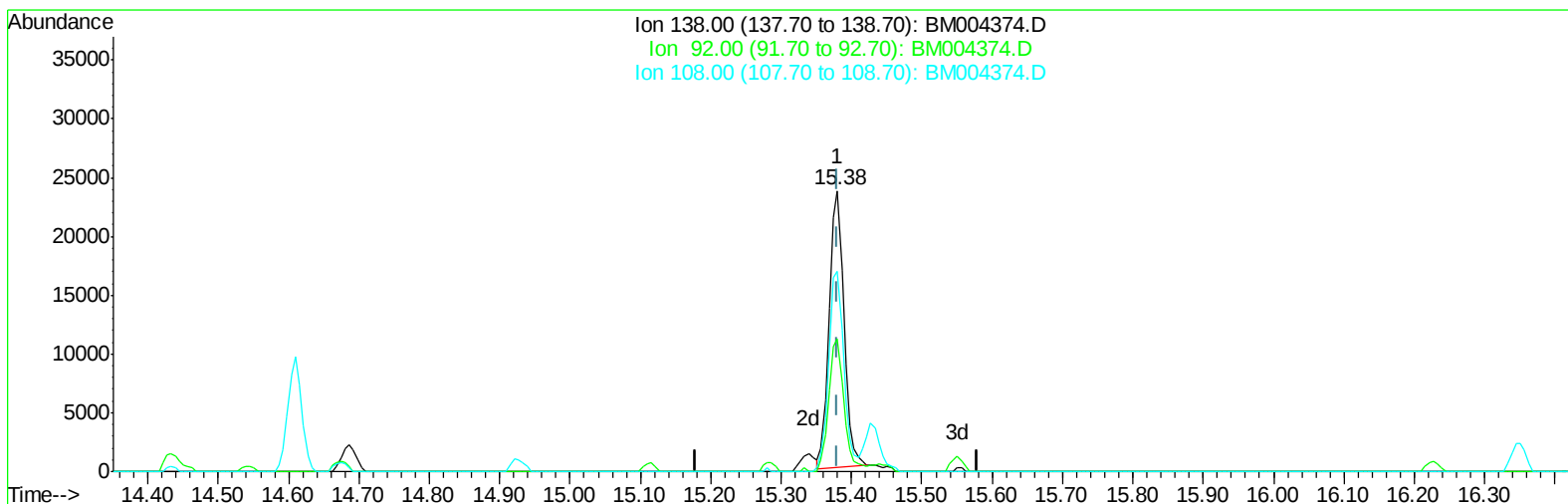
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004374.D
Acq On : 24 Feb 2016 05:47
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual Integrations
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Quant Time: Feb 24 07:03:43 2016
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QLast Update : Wed Feb 24 02:51:42 2016
Response via : Initial Calibration



TIC: BM004374.D

(61) 4-Nitroaniline

15.380min (-0.000) 18.80ng/ul

response 34391

Ion	Exp%	Act%
138.00	100	100
92.00	50.70	47.26
108.00	83.80	71.57
0.00	0.00	0.00

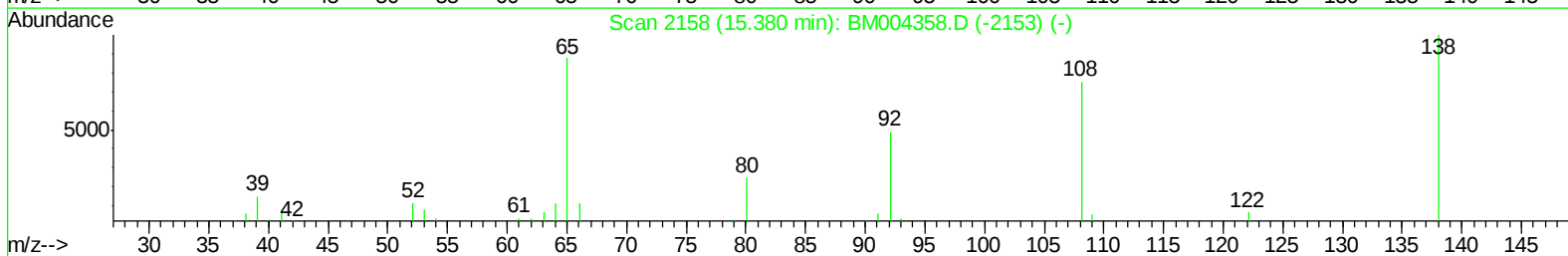
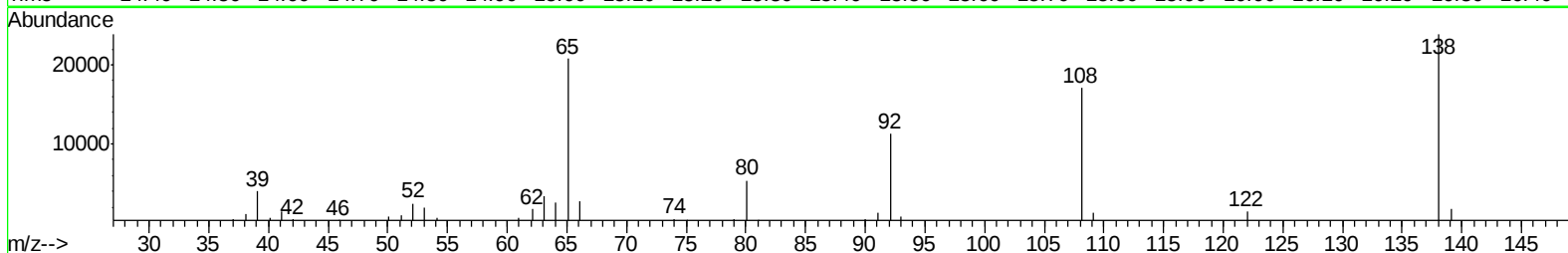
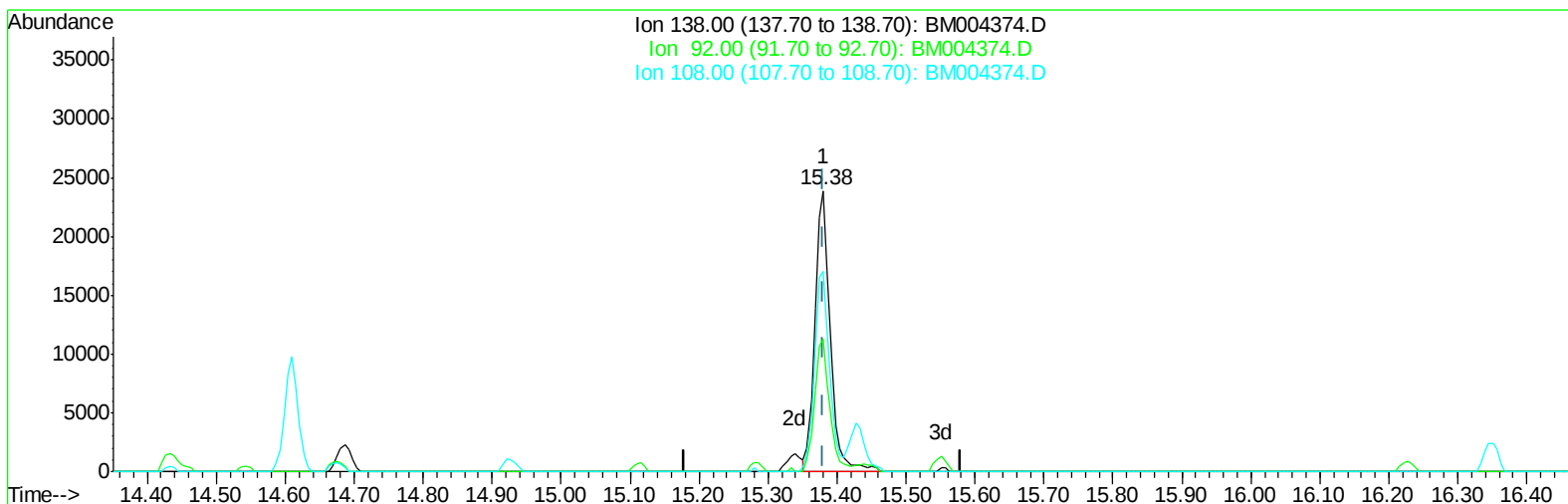
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004374.D
Acq On : 24 Feb 2016 05:47
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual Integrations
APPROVED

UMANGI
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 02:51:42 2016
Response via : Initial Calibration



TIC: BM004374.D

(61) 4-Nitroaniline

15.380min (-0.000) 20.21ng/ul m

response 36981

Ion	Exp%	Act%
138.00	100	100
92.00	50.70	47.26
108.00	83.80	71.57
0.00	0.00	0.00

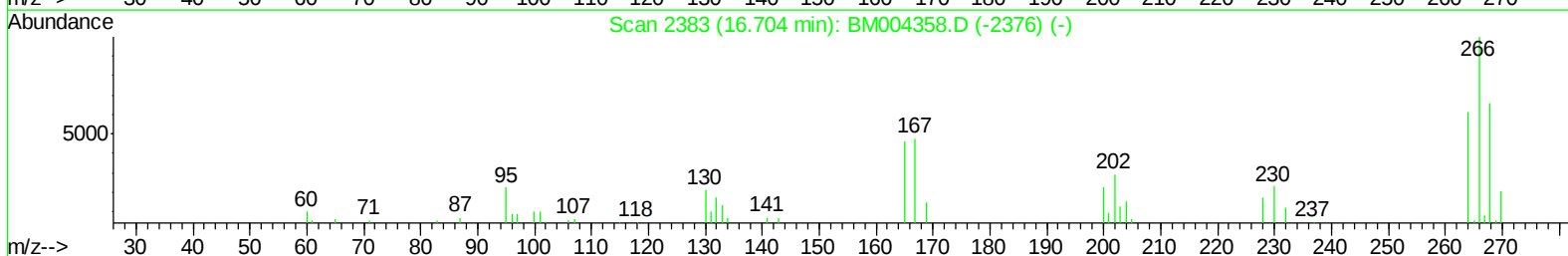
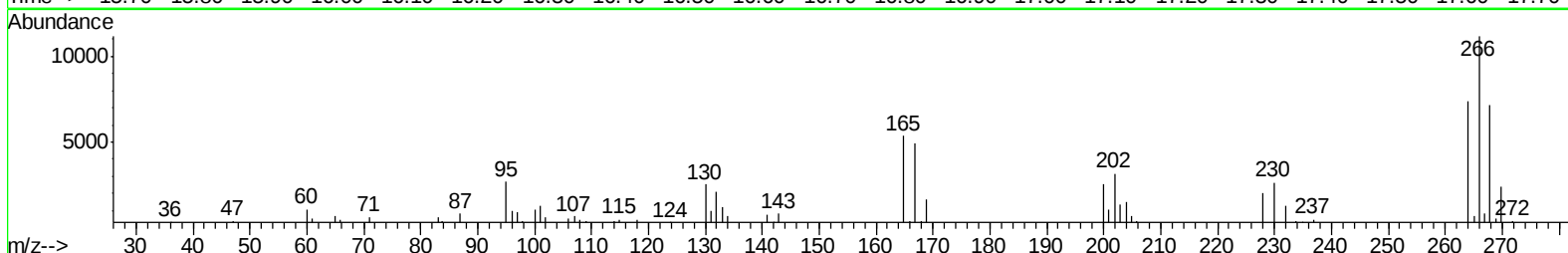
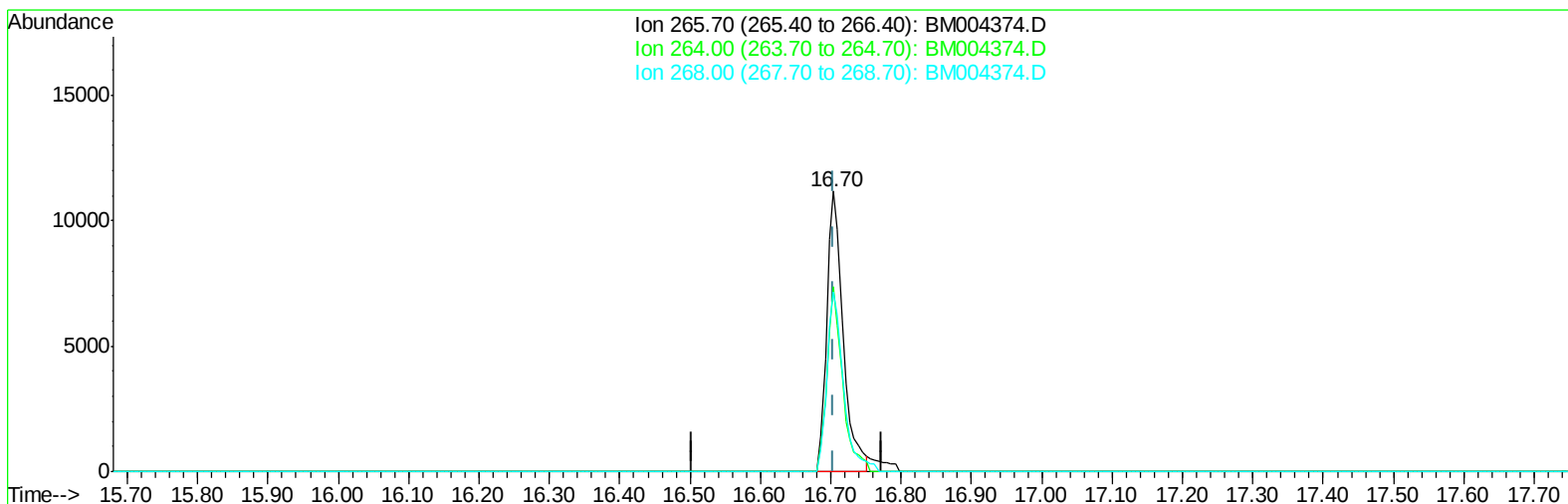
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Data File : BM004374.D
Acq On : 24 Feb 2016 05:47
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02053

Manual Integrations
APPROVED

UMANGI
2/24/2016 4:32:24 PM

Quant Time: Feb 24 07:03:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 02:51:42 2016
Response via : Initial Calibration



TIC: BM004374.D

(69) Pentachlorophenol (C)

16.704min (-0.000) 17.10ng/ul

response 18057

Ion	Exp%	Act%
265.70	100	100
264.00	63.10	66.05
268.00	63.60	64.27
0.00	0.00	0.00

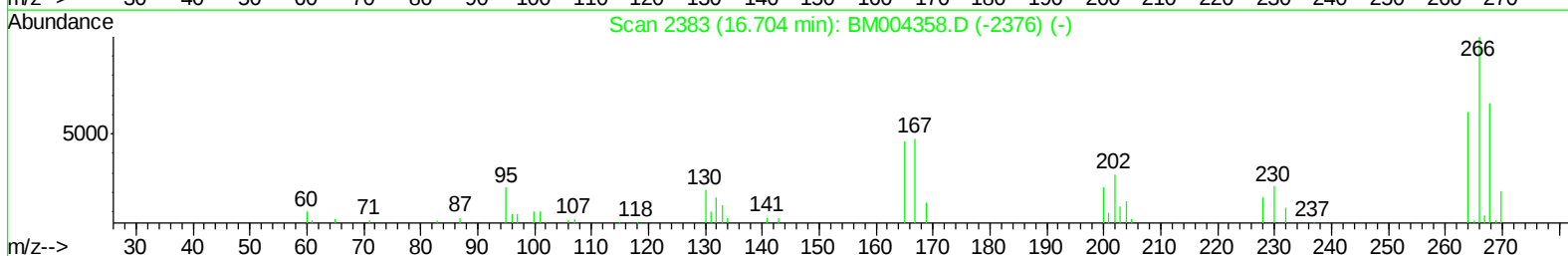
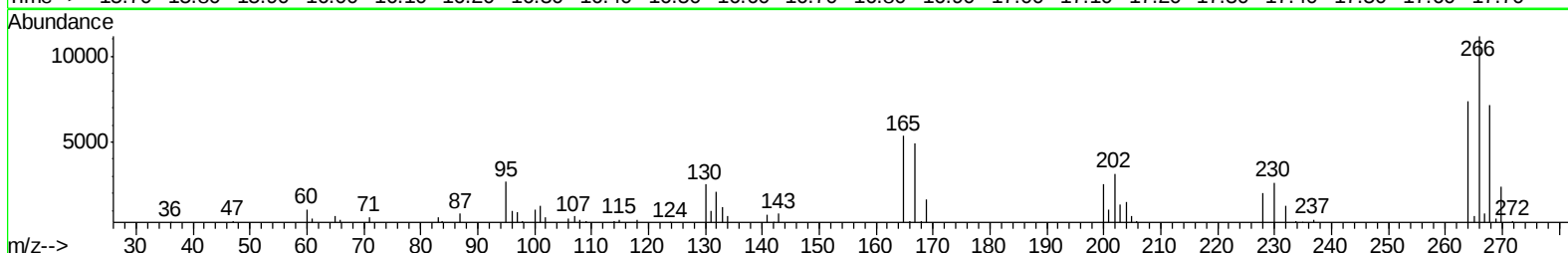
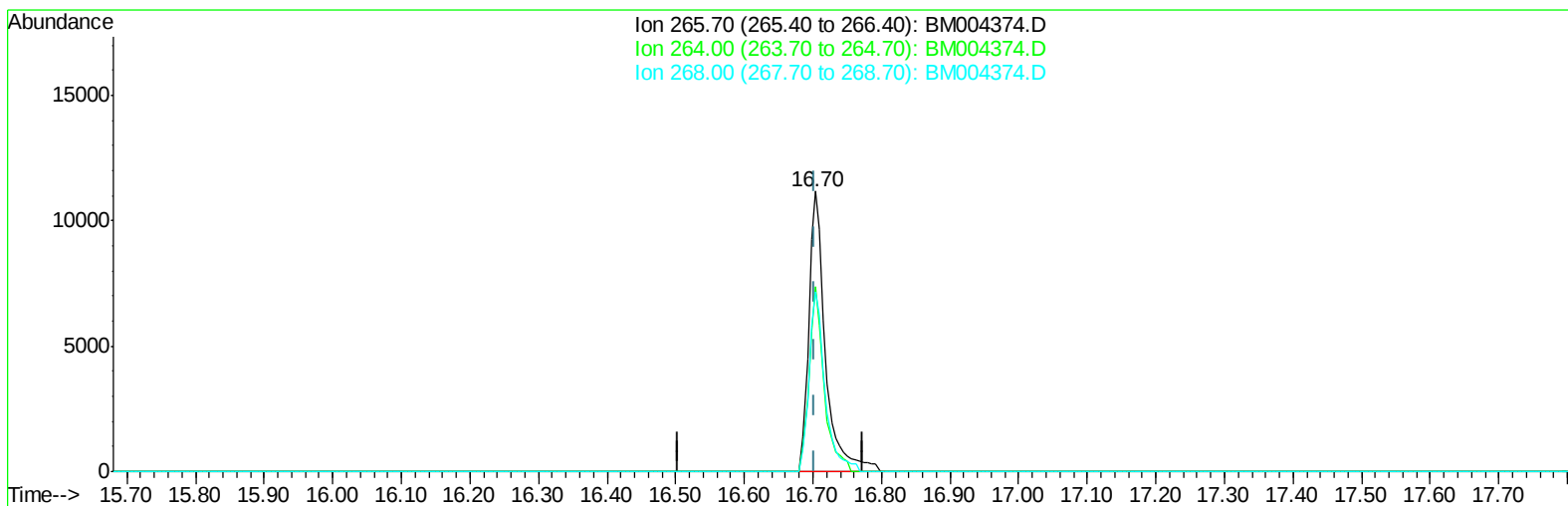
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Acq On : 24 Feb 2016 05:47
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02053

Manual Integrations
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Quant Time: Feb 24 07:03:43 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 02:51:42 2016
Response via : Initial Calibration



TIC: BM004374.D

(69) Pentachlorophenol (C)

16.704min (-0.000) 17.99ng/ul m

response 19006

Ion	Exp%	Act%
265.70	100	100
264.00	63.10	66.05
268.00	63.60	64.27
0.00	0.00	0.00

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 Data File : BM004374.D
 Acq On : 24 Feb 2016 05:47
 Operator : SJ/UM
 Sample : SSTDCCC020EC
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
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Manual Integrations
 APPROVED

UMANGI
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Quant Time: Feb 24 07:11:03 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 24 02:51:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	31633	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	151277	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	95384	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	220968	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	212895	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	150607	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	4681	7.80	ng/uL	0.00
5) Phenol-d5	6.81	99	50247	18.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	26095	19.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	44713	19.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	45564	19.22	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	22700	19.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	26020	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	46279m	19.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	63369	21.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	154918	18.94	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	190429	19.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	23014	17.50	ng/ul	0.00
58) Fluorene-d10	15.28	176	134748	19.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	24078	17.74	ng/ul	0.00
71) Anthracene-d10	17.14	188	213215	19.69	ng/ul	0.00
79) Pyrene-d10	19.44	212	228626	22.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	154087	19.50	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.12	88	5200	7.52 ng/uL#	90
4) Benzaldehyde	6.77	77	32850m	22.89 ng/ul	
6) Phenol	6.84	94	53794	19.02 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.05	93	40323	19.26 ng/ul	97
10) 2-Chlorophenol	7.19	128	46714	19.65 ng/ul	97
11) 2-Methylphenol	8.08	108	44404	19.25 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	38218	19.01 ng/ul	96
14) Acetophenone	8.45	105	73008	19.66 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.43	70	33955	19.03 ng/ul	97
16) 4-Methylphenol	8.41	108	48834	19.31 ng/ul	99
17) Hexachloroethane	8.69	117	17710	19.60 ng/ul	92
20) Nitrobenzene	8.82	77	48534	19.29 ng/ul	95
21) Isophorone	9.34	82	97977	18.79 ng/ul	98
23) 2-Nitrophenol	9.53	139	29196	19.78 ng/ul	92
24) 2,4-Dimethylphenol	9.60	107	56805	19.27 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	59511	18.94 ng/ul	100
27) 2,4-Dichlorophenol	10.07	162	48989	19.61 ng/ul	99
28) Naphthalene	10.46	128	162651	19.28 ng/ul	99
30) 4-Chloroaniline	10.58	127	64383	20.68 ng/ul	99
31) Hexachlorobutadiene	10.74	225	30951	19.74 ng/ul	98
32) Caprolactam	11.34	113	15839m	18.21 ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	56192	19.21 ng/ul	99
34) 2-Methylnaphthalene	12.08	142	121700	19.28 ng/ul	100

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Manual Integrations
 APPROVED

UMANGI
 2/24/2016 4:32:24 PM

Quant Time: Feb 24 07:11:03 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 24 02:51:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	115850	19.30	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	63404	19.99	ng/ul	98
38) Hexachlorocyclopentadiene	12.43	237	14908	12.61	ng/ul	96
39) 2,4,6-Trichlorophenol	12.72	196	39575	19.20	ng/ul	98
40) 2,4,5-Trichlorophenol	12.79	196	44410	19.85	ng/ul	98
41) 1,1'-Biphenyl	13.11	154	159536	19.46	ng/ul	99
42) 2-Chloronaphthalene	13.15	162	123012	19.72	ng/ul	98
43) 2-Nitroaniline	13.37	65	30840	19.61	ng/ul	96
45) Dimethylphthalate	13.74	163	163176	19.13	ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	34152	19.96	ng/ul	97
48) Acenaphthylene	14.00	152	203608	19.54	ng/ul	99
49) 3-Nitroaniline	14.21	138	34985	20.61	ng/ul	95
50) Acenaphthene	14.35	153	137257	19.29	ng/ul	98
51) 2,4-Dinitrophenol	14.43	184	11411	14.70	ng/ul	91
53) 4-Nitrophenol	14.54	109	17139	17.44	ng/ul	93
54) Dibenzofuran	14.69	168	194355	19.56	ng/ul	96
55) 2,4-Dinitrotoluene	14.67	165	50970	19.95	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.93	232	35565	19.19	ng/ul	94
57) Diethylphthalate	15.12	149	168224	19.06	ng/ul	99
59) Fluorene	15.34	166	160768	19.52	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.33	204	79056	19.57	ng/ul	95
61) 4-Nitroaniline	15.38	138	36981m	20.21	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.44	198	25995	17.77	ng/ul	96
65) N-Nitrosodiphenylamine	15.55	169	138823	19.64	ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	47556	19.76	ng/ul	94
67) Hexachlorobenzene	16.35	284	53257	19.90	ng/ul	94
68) Atrazine	16.51	200	51744	19.73	ng/ul	98
69) Pentachlorophenol	16.70	266	19006m	17.99	ng/ul	
70) Phenanthrene	17.08	178	257729	19.42	ng/ul	99
72) Anthracene	17.17	178	264957	19.65	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	59969	20.37	ng/uL	99
74) Pentachlorobenzene	14.61	250	60442	19.98	ng/uL	99
75) Carbazole	17.45	167	234814	19.98	ng/ul	99
76) Di-n-butylphthalate	18.00	149	299589	18.37	ng/ul	99
77) Fluoranthene	19.11	202	298134	19.83	ng/ul	99
80) Pyrene	19.47	202	309899	22.27	ng/ul	100
81) Butylbenzylphthalate	20.38	149	136739	22.33	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.17	252	89717	20.92	ng/ul	99
83) Benzo(a)anthracene	21.23	228	268057	19.57	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	196165	21.67	ng/ul	98
85) Chrysene	21.29	228	250826	19.04	ng/ul	100
87) Di-n-octyl phthalate	22.03	149	316625	25.55	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	205289	20.17	ng/ul	99
89) Benzo(k)fluoranthene	22.85	252	193627	20.19	ng/ul	100
91) Benzo(a)pyrene	23.37	252	183777	19.43	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.71	276	188369	21.30	ng/ul	99
93) Dibenzo(a,h)anthracene	25.71	278	156778	21.48	ng/ul	99
94) Benzo(g,h,i)perylene	26.39	276	160706	22.09	ng/ul	99

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004374.D
Acq On : 24 Feb 2016 05:47
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02053

Manual Integrations
APPROVED

UMANGI
2/24/2016 4:32:24 PM

Quant Time: Feb 24 07:11:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 02:51:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

