

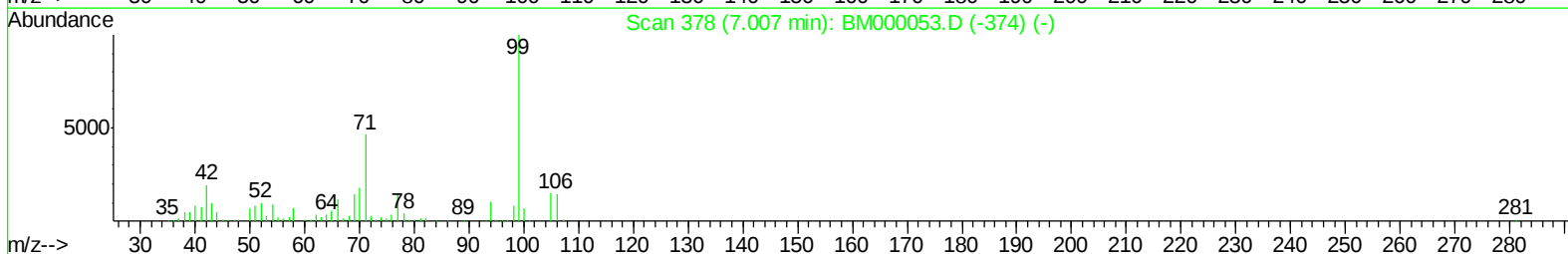
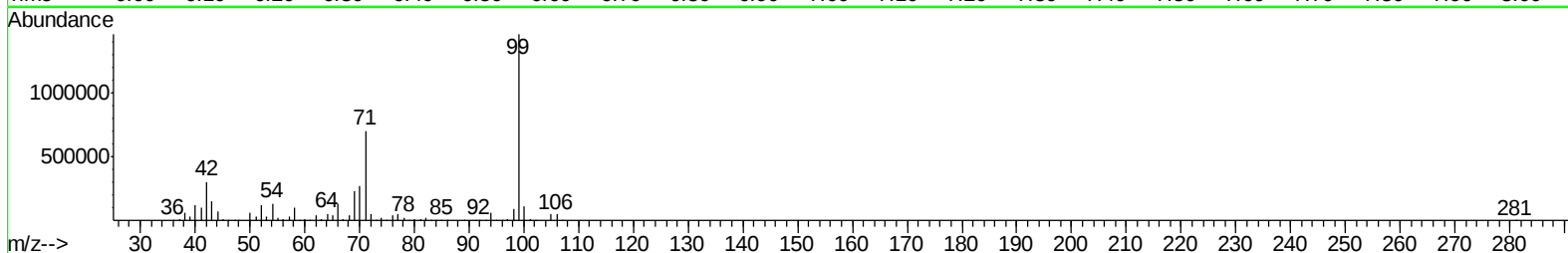
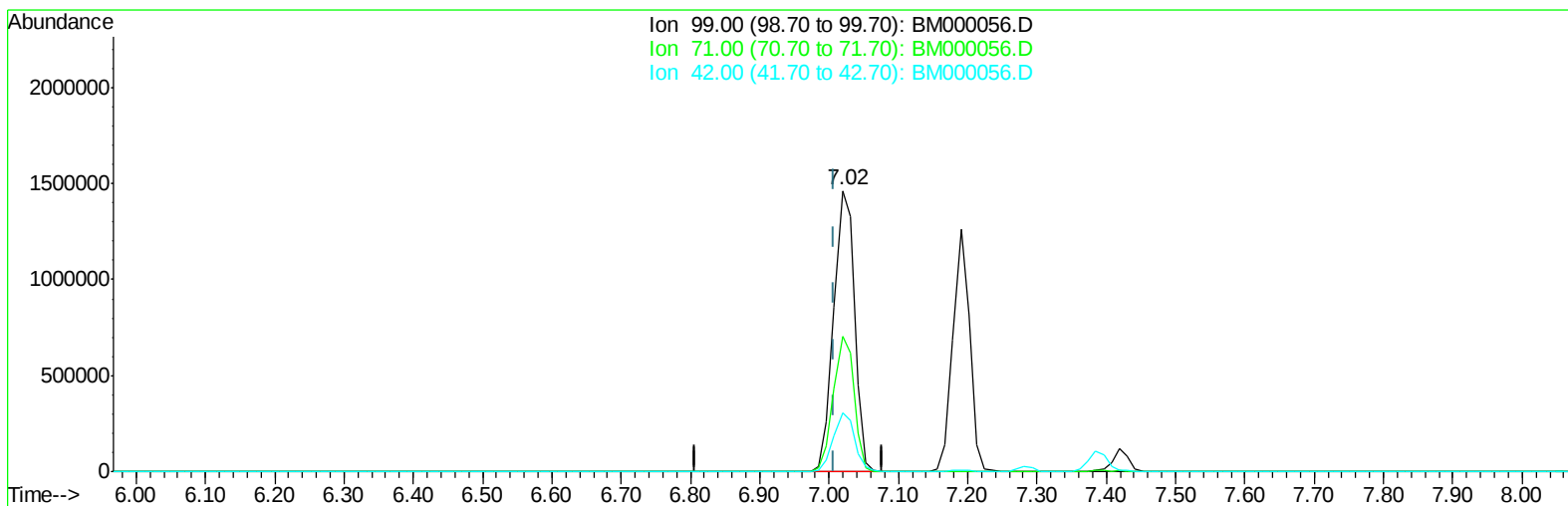
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000056.D
Acq On : 29 Dec 2014 12:56
Operator : TP
Sample : SSTD01606
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01606

Manual Integrations
APPROVED

TEJASKUMAR
1/7/2015 9:20:26 AM

Quant Time: Dec 29 14:43:07 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 29 11:57:04 2014
Response via : Initial Calibration



TIC: BM000056.D

(5) Phenol-d5 (S)

7.019min (+0.011) 167.85ng/ul m

response 3049150

Ion	Exp%	Act%
99.00	100	100
71.00	46.30	48.27
42.00	19.40	20.87
0.00	0.00	0.00

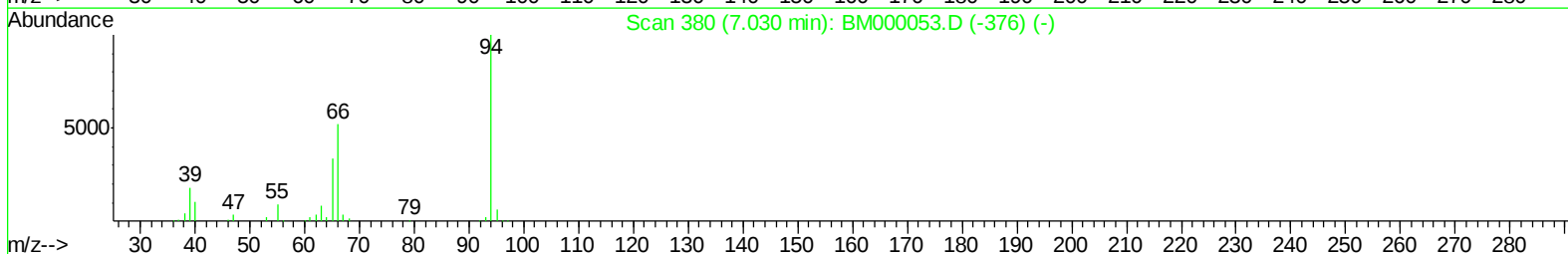
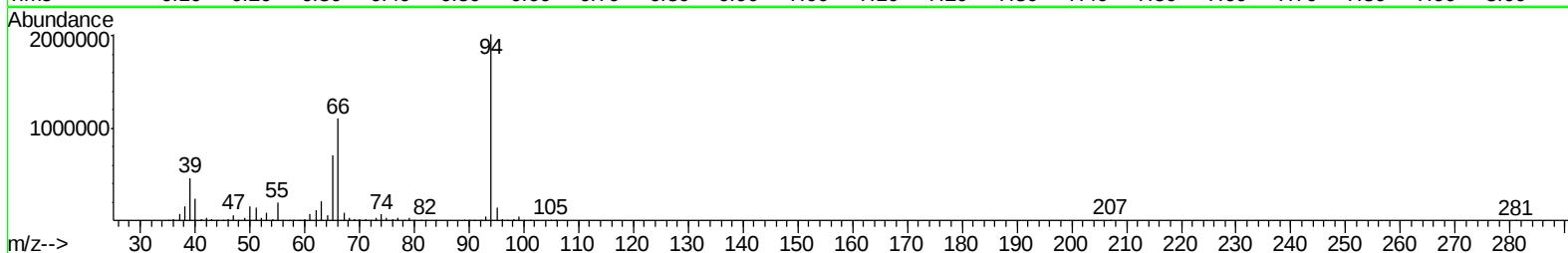
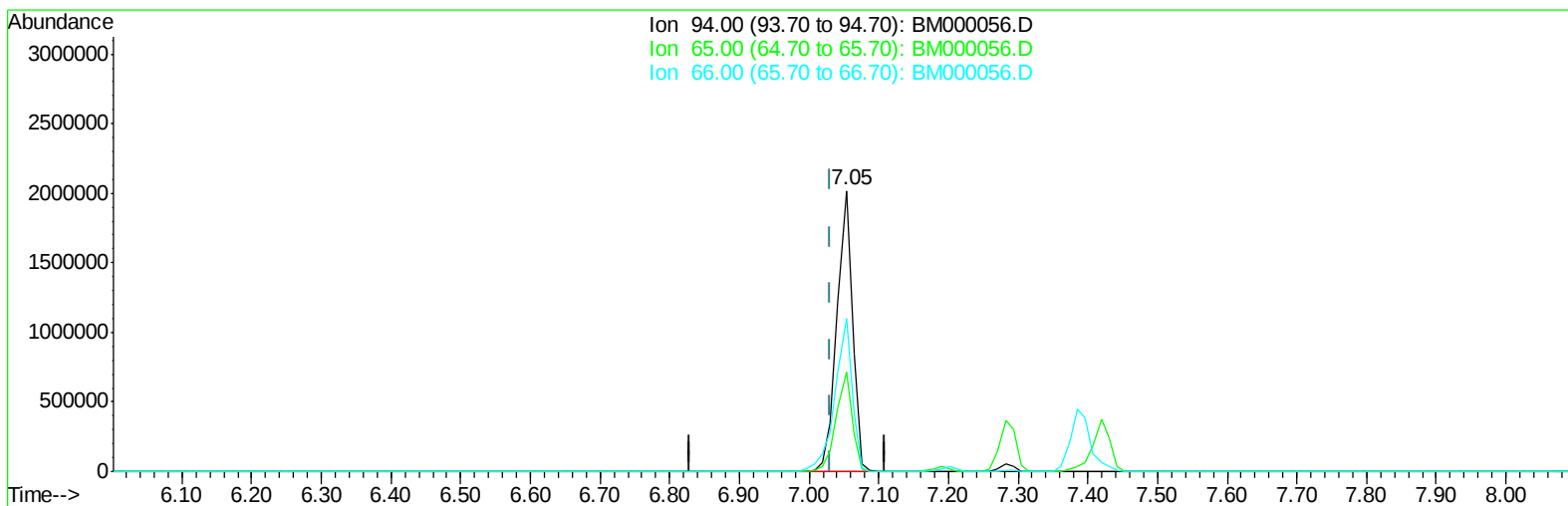
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000056.D
Acq On : 29 Dec 2014 12:56
Operator : TP
Sample : SSTD01606
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 29 11:57:04 2014
Response via : Initial Calibration



TIC: BM000056.D

(6) Phenol

7.053min (+0.023) 158.33ng/ul m

response 3126246

Ion	Exp%	Act%
94.00	100	100
65.00	34.20	35.25
66.00	53.10	54.71
0.00	0.00	0.00

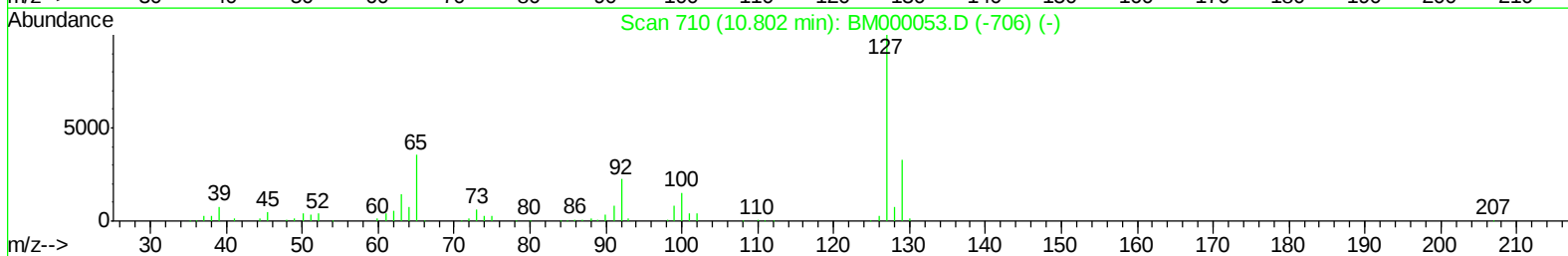
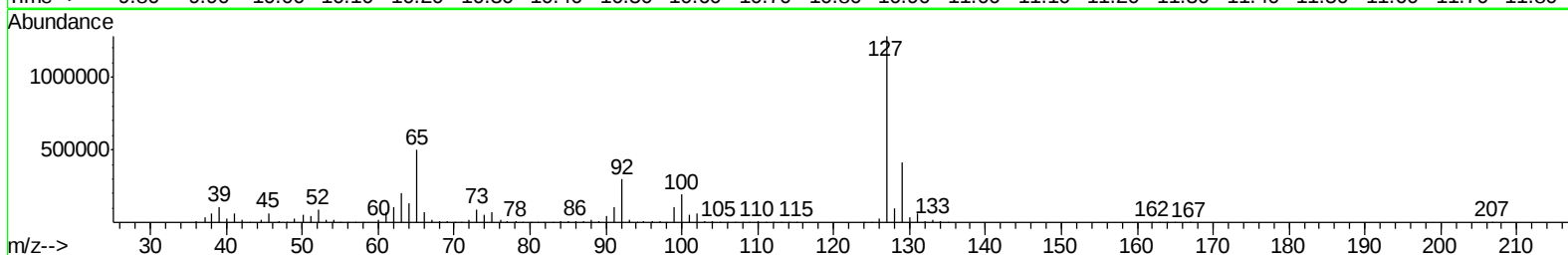
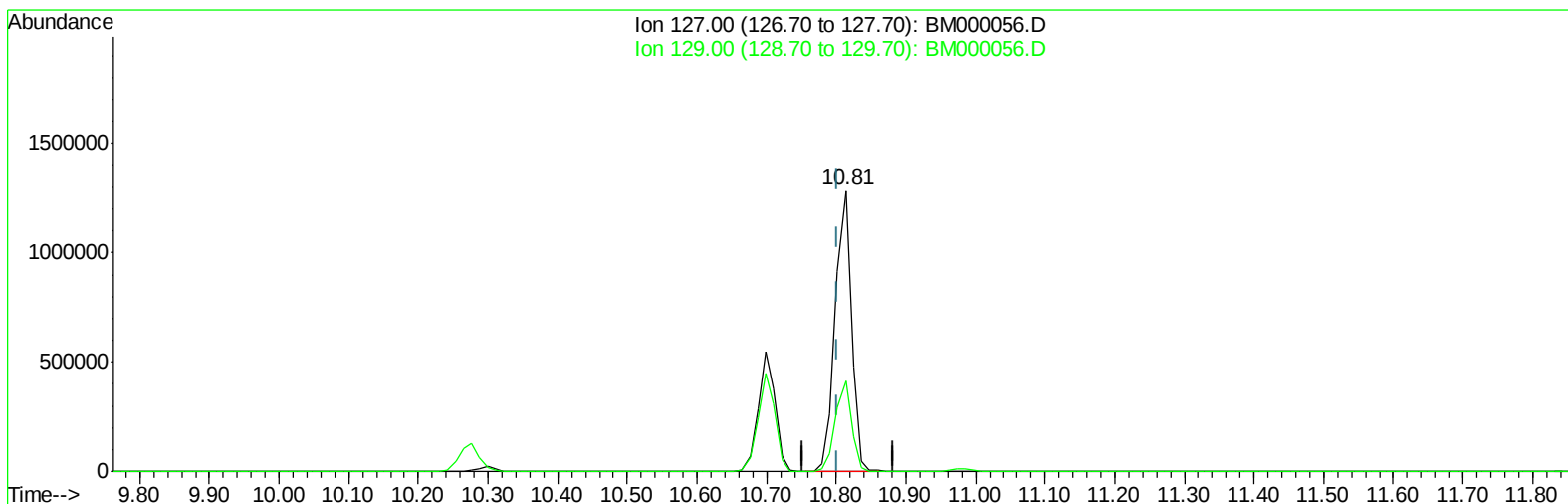
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000056.D
Acq On : 29 Dec 2014 12:56
Operator : TP
Sample : SSTD01606
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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QLast Update : Mon Dec 29 11:57:04 2014
Response via : Initial Calibration



TIC: BM000056.D

(30) 4-Chloroaniline
10.813min (+0.011) 168.01ng/ul m
response 2076722

Ion	Exp%	Act%
127.00	100	100
129.00	33.10	32.26
0.00	0.00	0.00
0.00	0.00	0.00

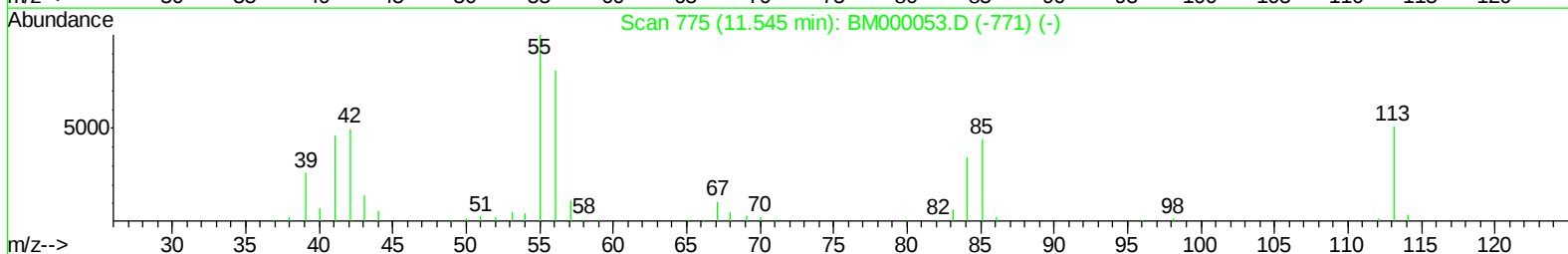
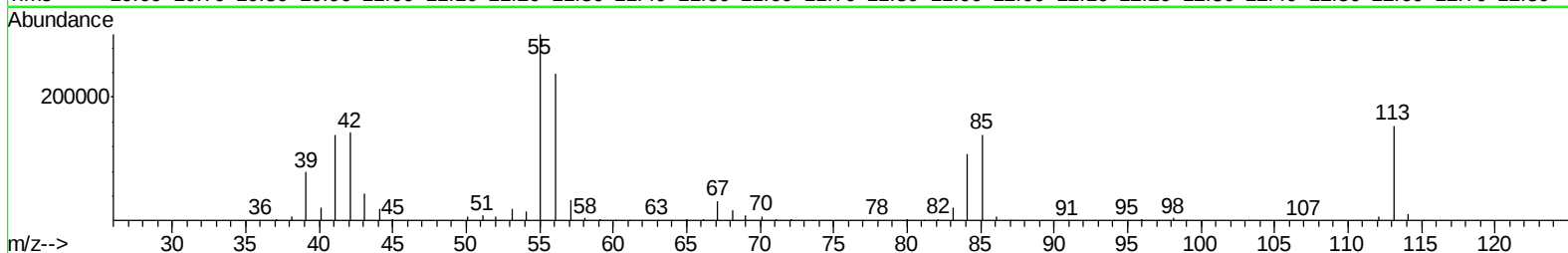
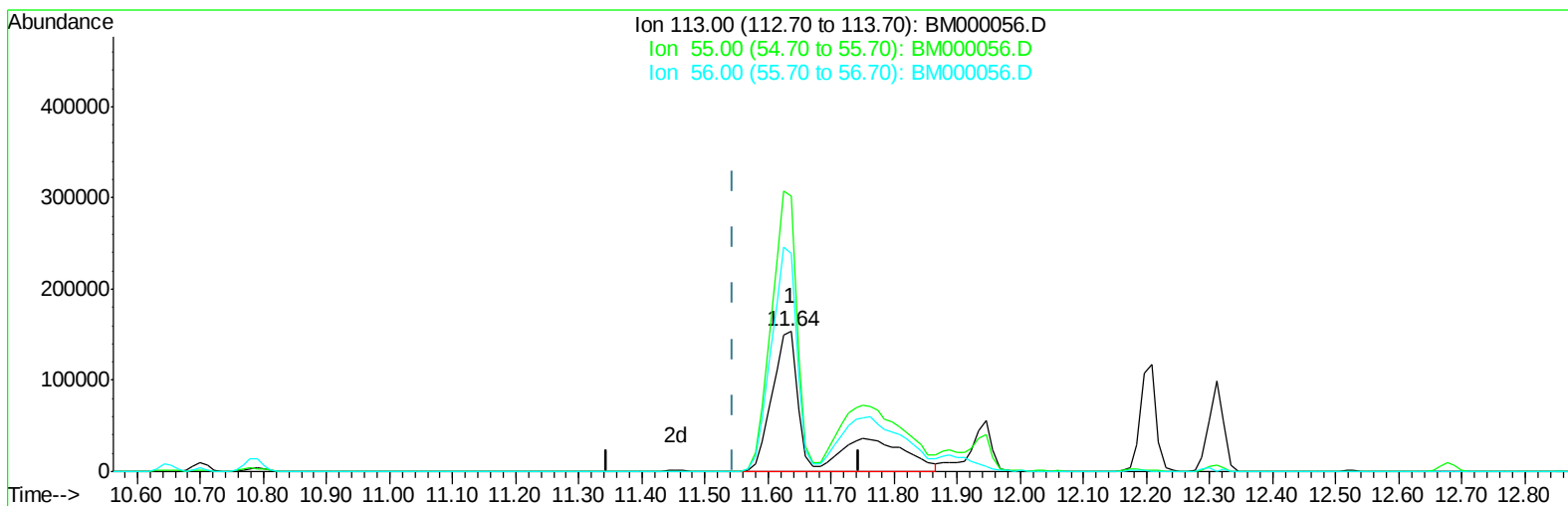
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
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Acq On : 29 Dec 2014 12:56
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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TIC: BM000056.D

(32) Caprolactam

11.636min (+0.091) 142.45ng/ul m

response 685854

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	196.59
56.00	157.90	155.41
0.00	0.00	0.00

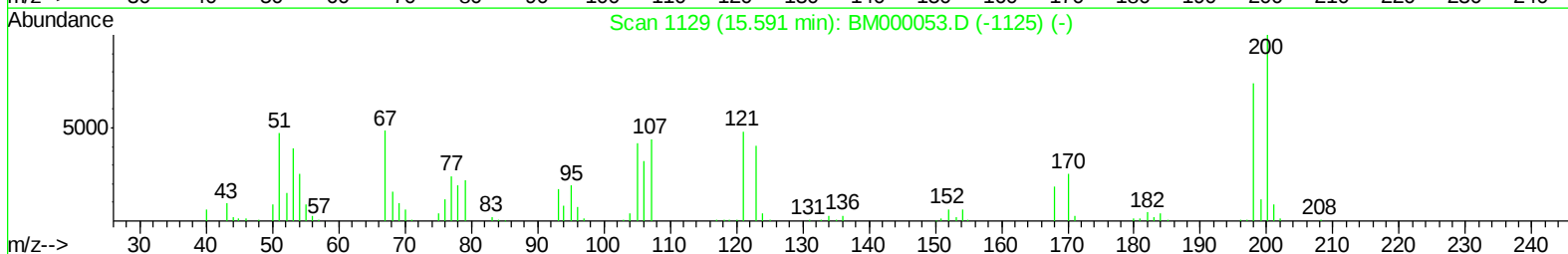
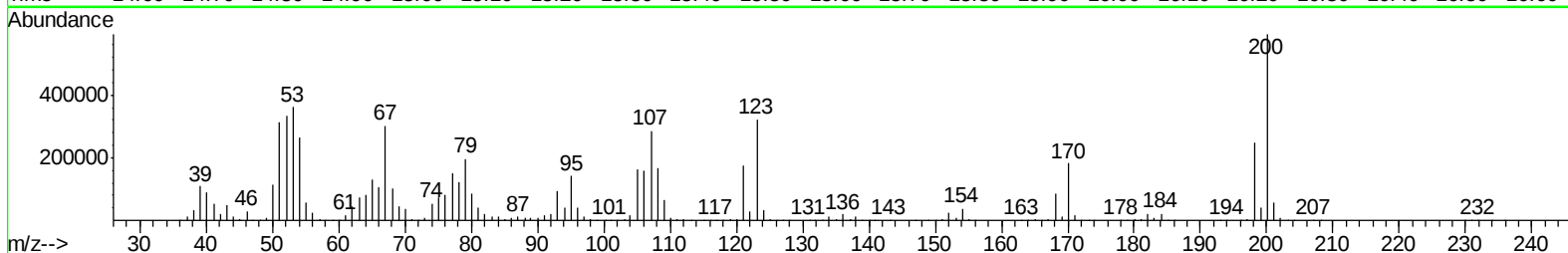
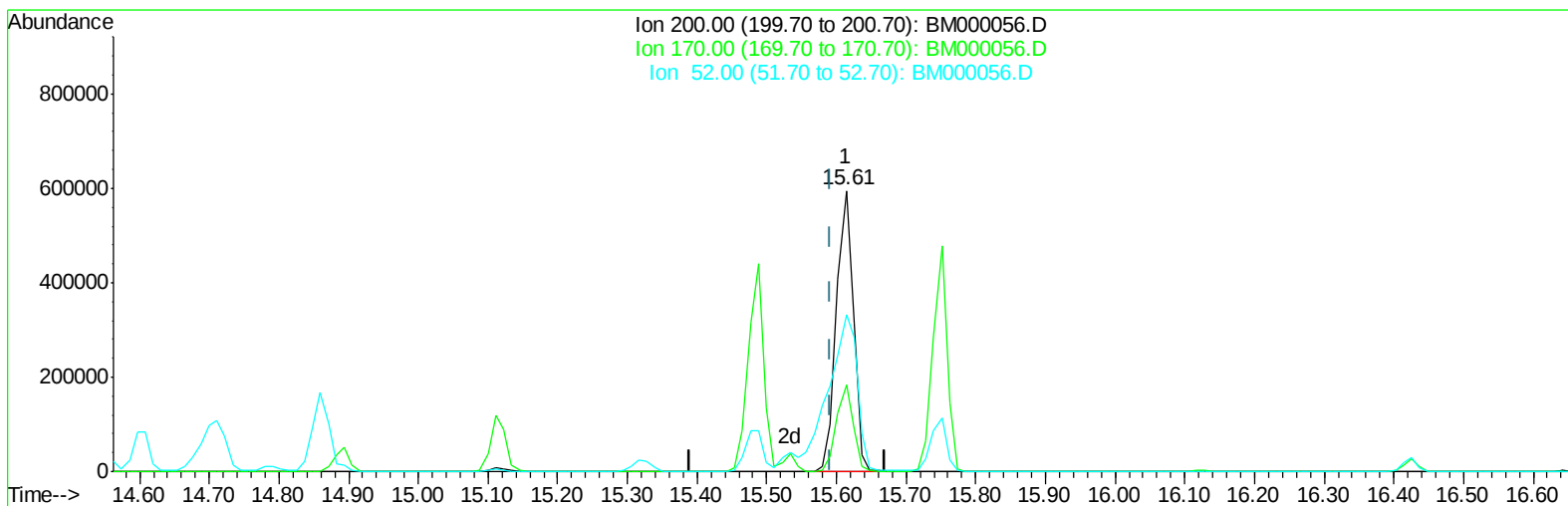
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000056.D
Acq On : 29 Dec 2014 12:56
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Sample : SSTD01606
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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QLast Update : Mon Dec 29 11:57:04 2014
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TIC: BM000056.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.614min (+0.023) 219.06ng/ul m

response 1006494

Ion	Exp%	Act%
200.00	100	100
170.00	25.20	30.75#
52.00	58.20	55.91
0.00	0.00	0.00

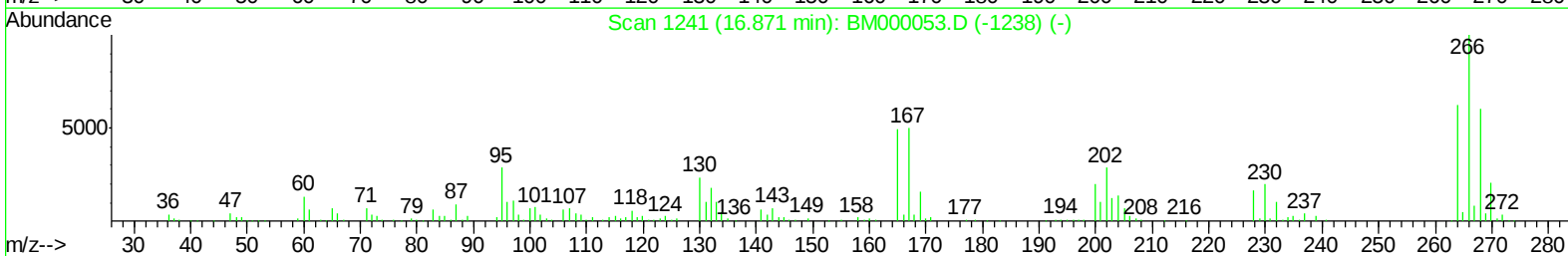
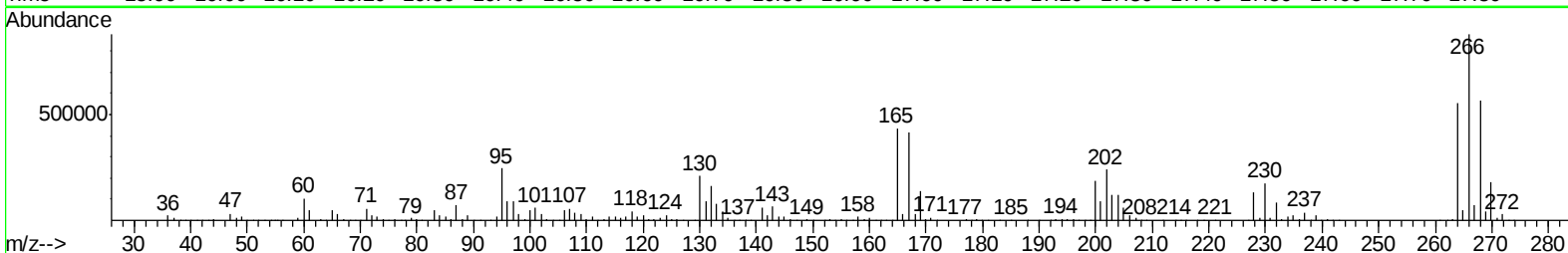
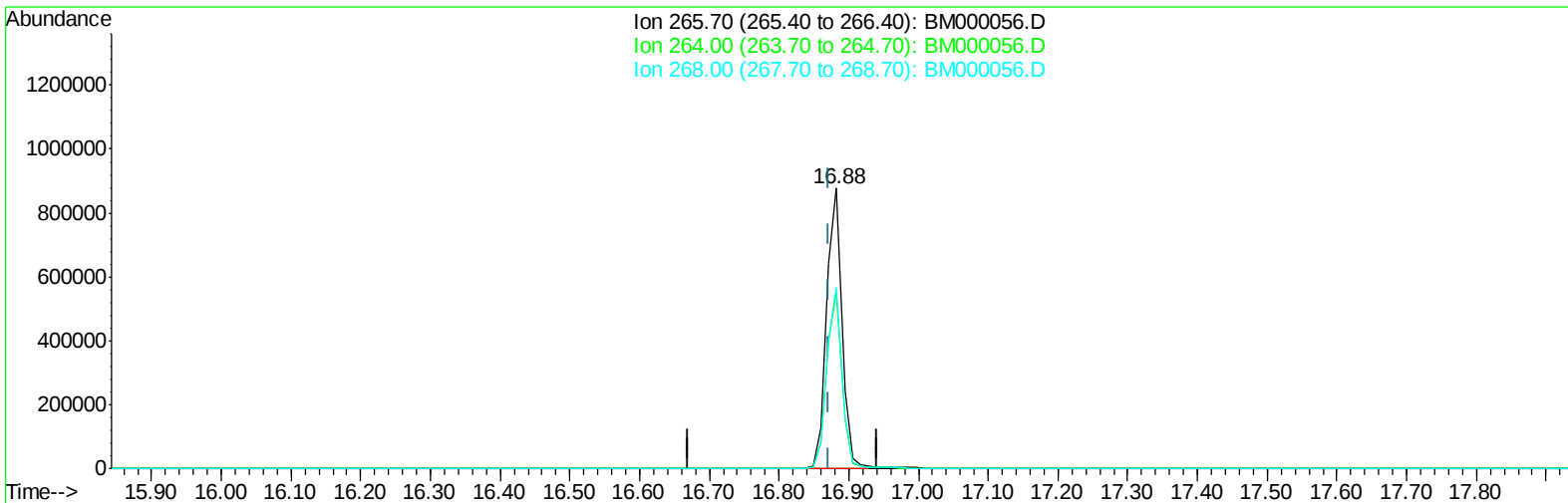
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000056.D
Acq On : 29 Dec 2014 12:56
Operator : TP
Sample : SSTD01606
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

TEJASKUMAR
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Quant Time: Dec 29 14:43:07 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 29 11:57:04 2014
Response via : Initial Calibration



TIC: BM000056.D

(68) Pentachlorophenol (C)

16.883min (+0.011) 179.41ng/ul m

response 1335872

Ion	Exp%	Act%
265.70	100	100
264.00	62.20	62.73
268.00	60.30	64.38
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
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 Operator : TP
 Sample : SSTD01606
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01606

Manual Integrations
 APPROVED

TEJASKUMAR
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Quant Time: Dec 29 14:43:07 2014
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 29 11:57:04 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	218674	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	909064	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	585347	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1082648	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	844820	20.00	ng/ul	0.01
83) Perylene-d12	23.72	264	791281	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.02	99	3049150m	167.85	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.19	67	1810504	166.21	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.56	113	2356263	168.85	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.28	165	2327045m	178.73	ng/ul	0.02
29) 4-Chloroaniline-d4	10.79	131	2013330	176.01	ng/ul	0.01
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	14.70	143	1082466	170.11	ng/ul	0.03
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.61	200	1006494m	219.06	ng/ul	0.02
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
76) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
87) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

						Qvalue
4) Benzaldehyde	7.00	77	1248811	165.69	ng/ul	98
6) Phenol	7.05	94	3126246m	158.33	ng/ul	
8) Bis(2-Chloroethyl)ether	7.28	93	2316611	154.85	ng/ul	98
11) 2-Methylphenol	8.29	108	2391150	158.66	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.39	45	3616212	149.43	ng/ul	97
14) Acetophenone	8.69	105	3826607	160.06	ng/ul	97
16) 4-Methylphenol	8.64	108	2555063	156.54	ng/ul	97
30) 4-Chloroaniline	10.81	127	2076722m	168.01	ng/ul	
32) Caprolactam	11.64	113	685854m	142.45	ng/ul	
37) Hexachlorocyclopentadiene	12.67	237	1934992	193.46	ng/ul	99
48) 3-Nitroaniline	14.40	138	1075155	161.86	ng/ul	99
50) 2,4-Dinitrophenol	14.61	184	722448	213.29	ng/ul	95
52) 4-Nitrophenol	14.72	109	1456432	182.88	ng/ul	92
60) 4-Nitroaniline	15.59	138	1268314	148.07	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.63	198	1012114	202.61	ng/ul#	90
67) Atrazine	16.71	200	1934335	225.02	ng/ul	99
68) Pentachlorophenol	16.88	266	1335872m	179.41	ng/ul	
72) Carbazole	17.64	167	7839969	150.17	ng/ul	96
74) Fluoranthene	19.29	202	9087194	141.67	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.33	252	2210182	148.18	ng/ul#	99
84) Di-n-octyl phthalate	22.23	149	8539278	158.92	ng/ul	100

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000056.D
Acq On : 29 Dec 2014 12:56
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01606

Manual Integrations
APPROVED

TEJASKUMAR
1/7/2015 9:20:26 AM

Quant Time: Dec 29 14:43:07 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 29 11:57:04 2014
Response via : Initial Calibration

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

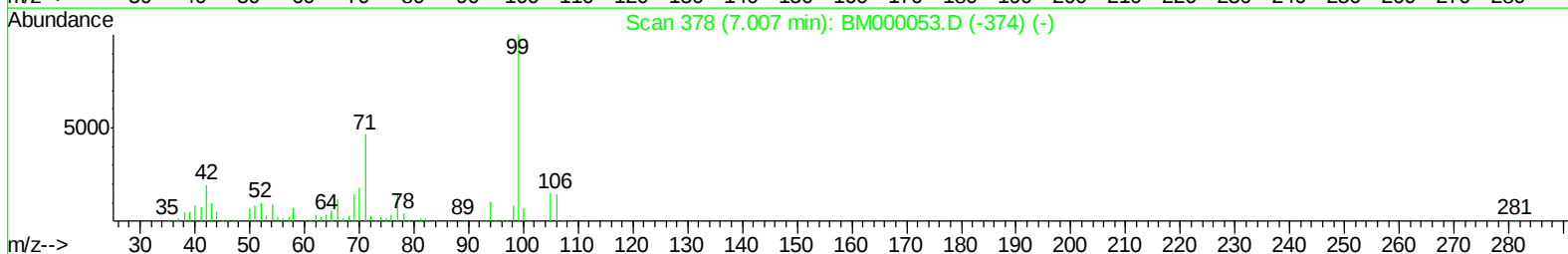
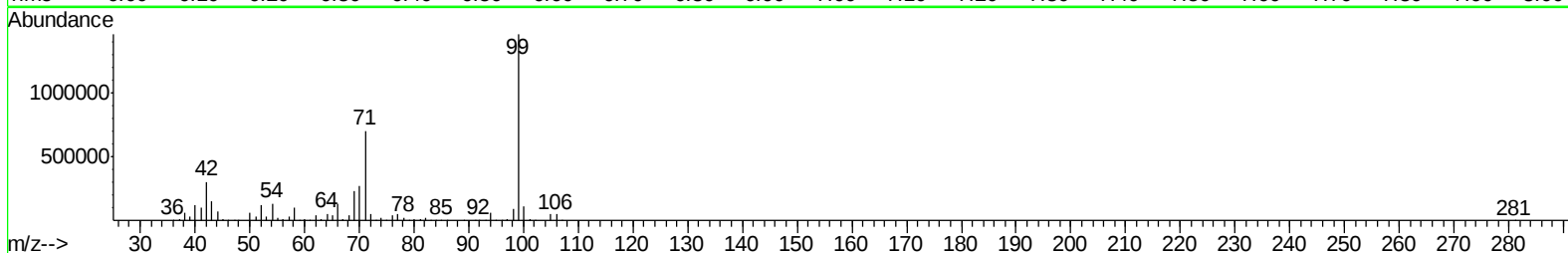
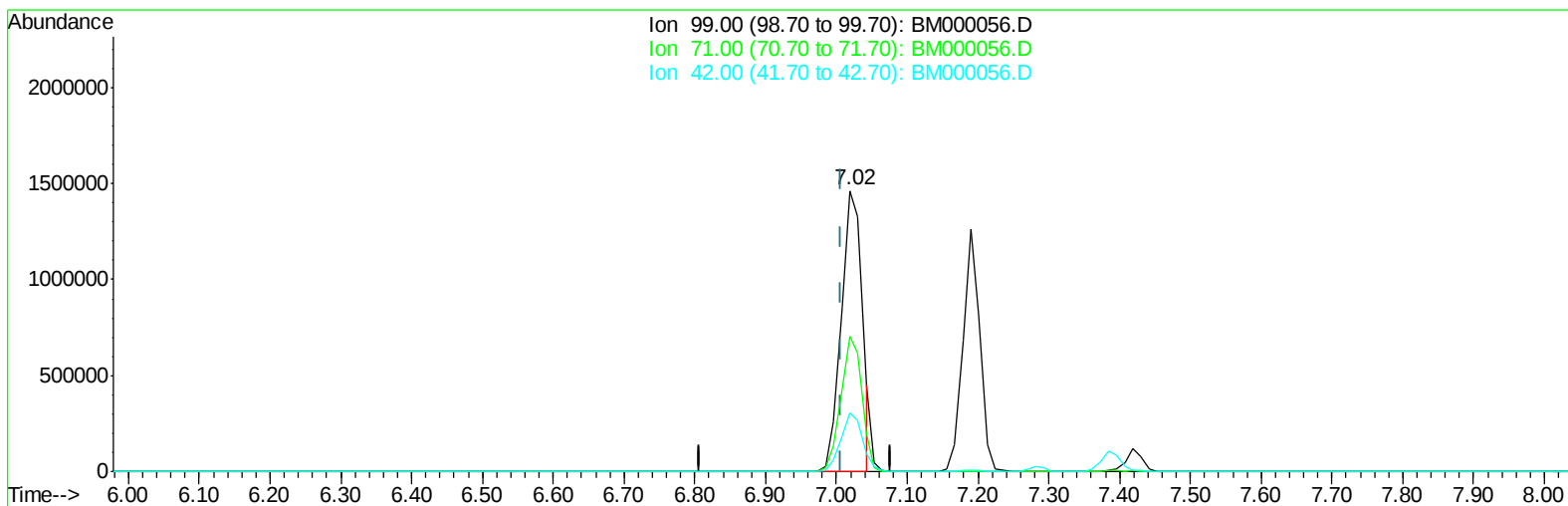
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Data File : BM000056.D
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

TEJASKUMAR
1/7/2015 9:20:26 AM

Quant Time: Jun 22 17:53:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 22 17:41:17 2015
Response via : Initial Calibration



TIC: BM000056.D

(5) Phenol-d5 (S)

7.019min (+0.011) 158.75ng/ul

response 3007249

Ion	Exp%	Act%
99.00	100	100
71.00	46.30	48.27
42.00	19.40	20.87
0.00	0.00	0.00

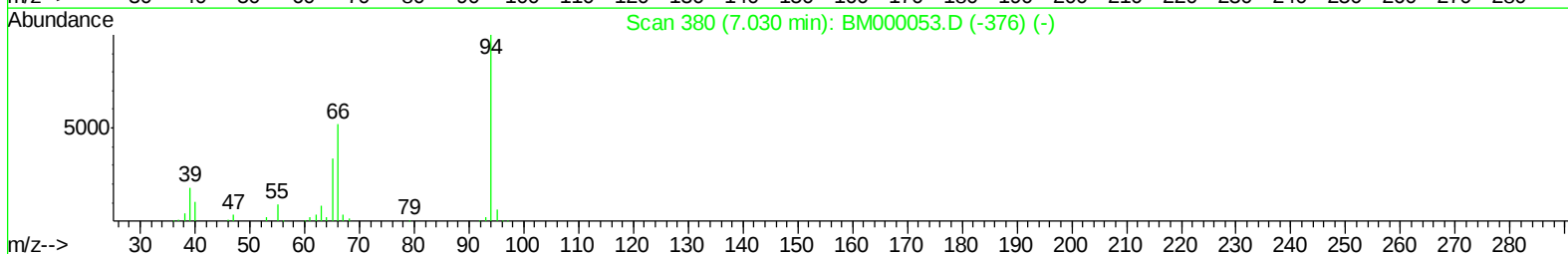
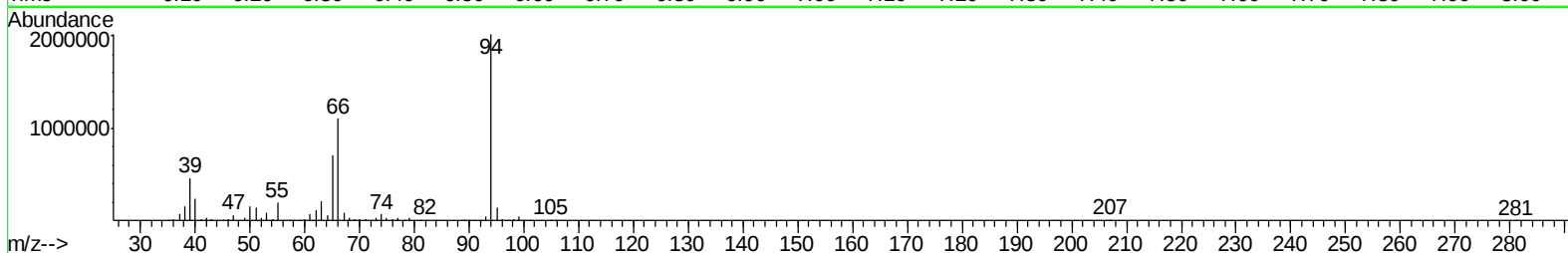
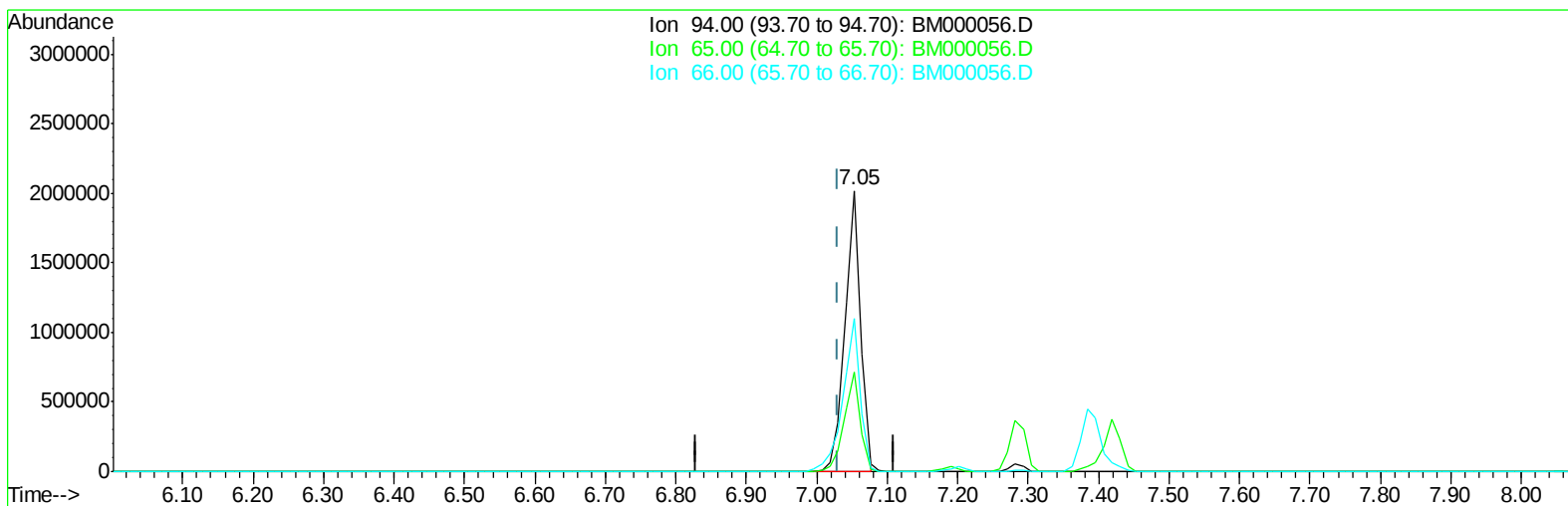
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000056.D
Acq On : 29 Dec 2014 12:56
Operator : TP
Sample : SSTD01606
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01606

Manual Integrations
APPROVED

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Response via : Initial Calibration



TIC: BM000056.D

(6) Phenol

7.053min (+0.023) 158.26ng/ul

response 3120942

Ion	Exp%	Act%
94.00	100	100
65.00	34.20	35.25
66.00	53.10	54.71
0.00	0.00	0.00

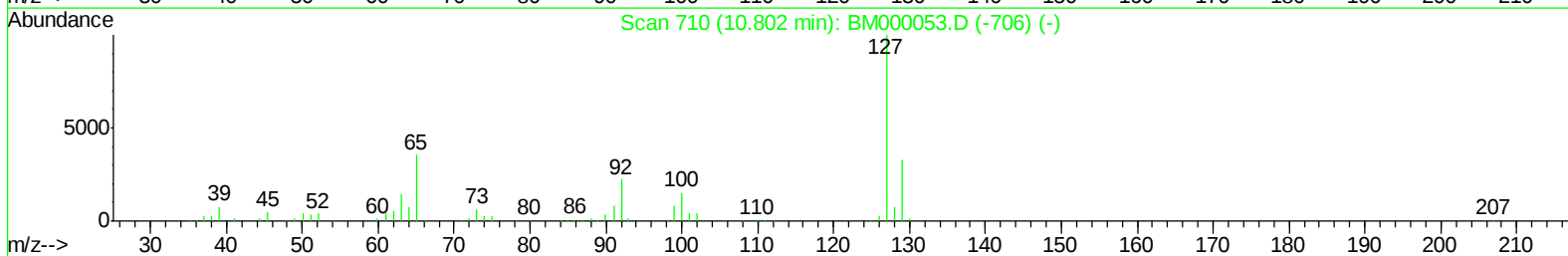
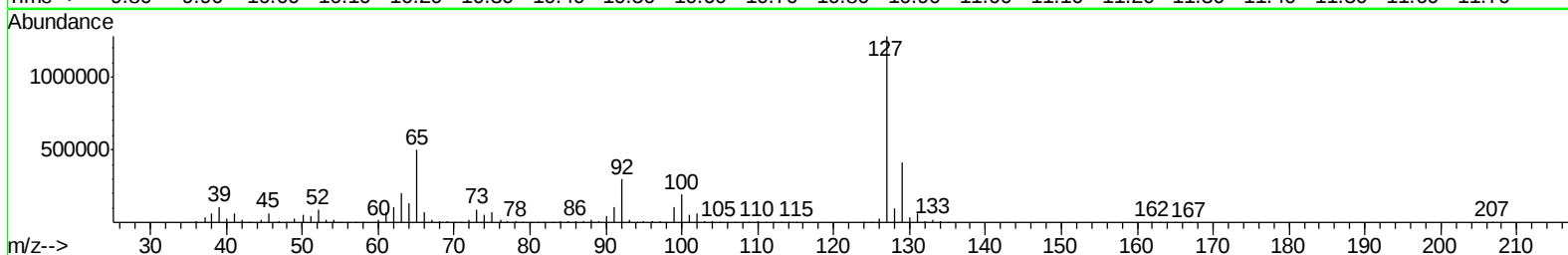
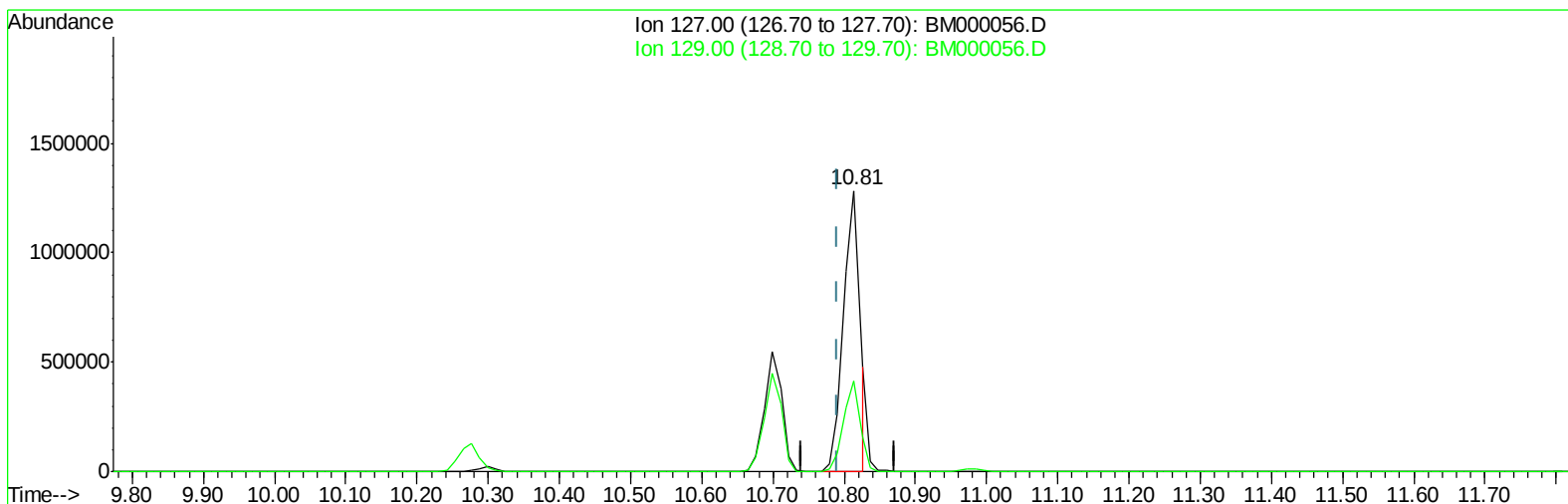
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Jun 22 17:53:25 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 22 17:41:17 2015
Response via : Initial Calibration



TIC: BM000056.D

(30) 4-Chloroaniline

10.813min (+0.023) 121.95ng/ul

response 2028499

Ion	Exp%	Act%
127.00	100	100
129.00	33.10	32.26
0.00	0.00	0.00
0.00	0.00	0.00

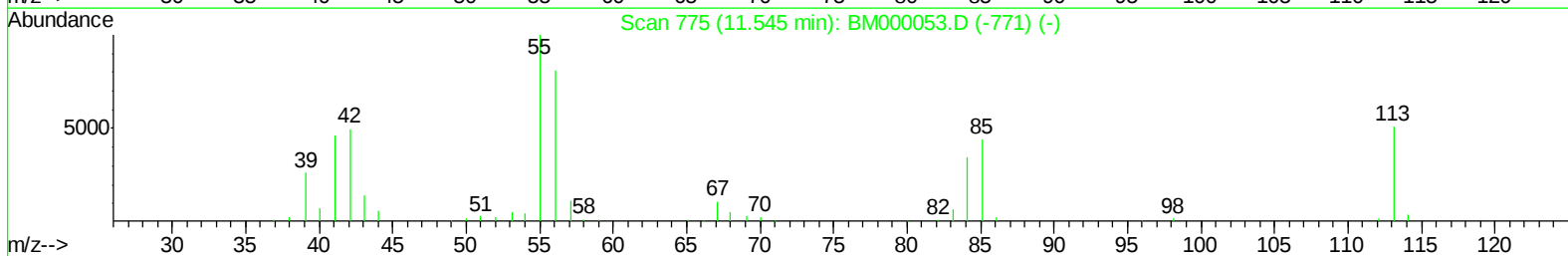
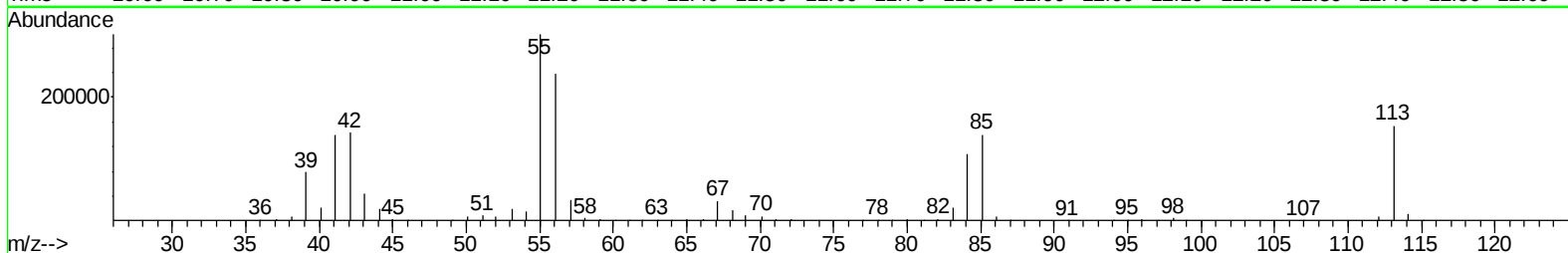
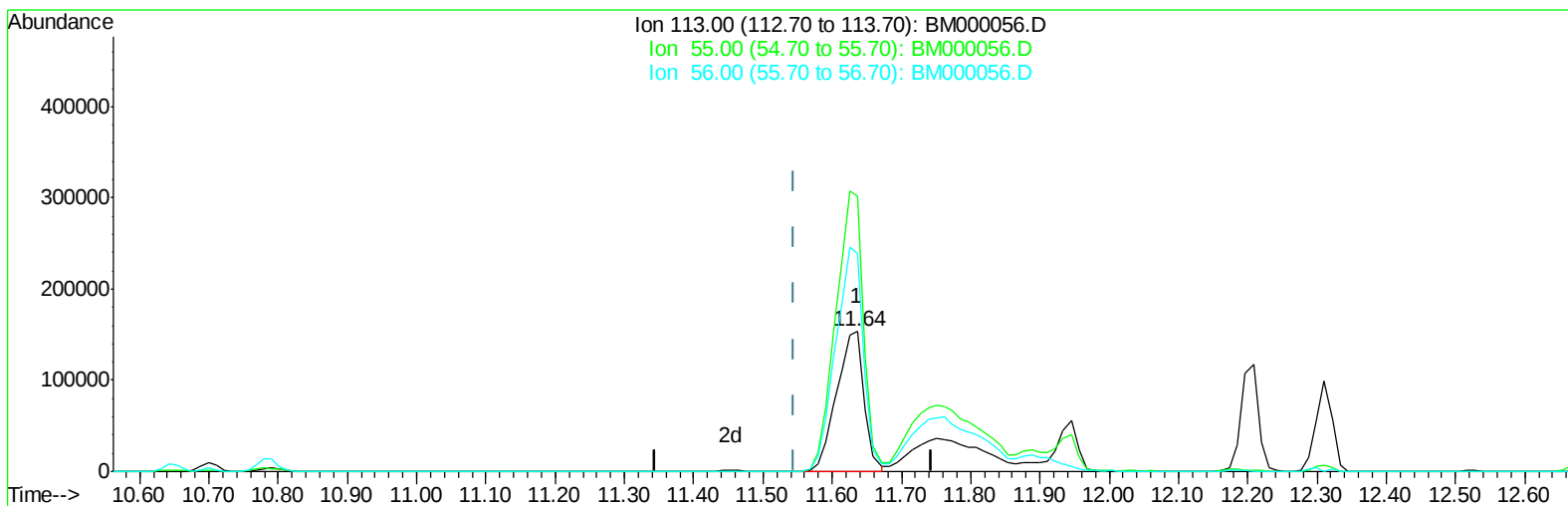
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Response via : Initial Calibration



TIC: BM000056.D

(32) Caprolactam

11.636min (+0.091) 90.19ng/ul

response 424994

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	196.59
56.00	157.90	155.41
0.00	0.00	0.00

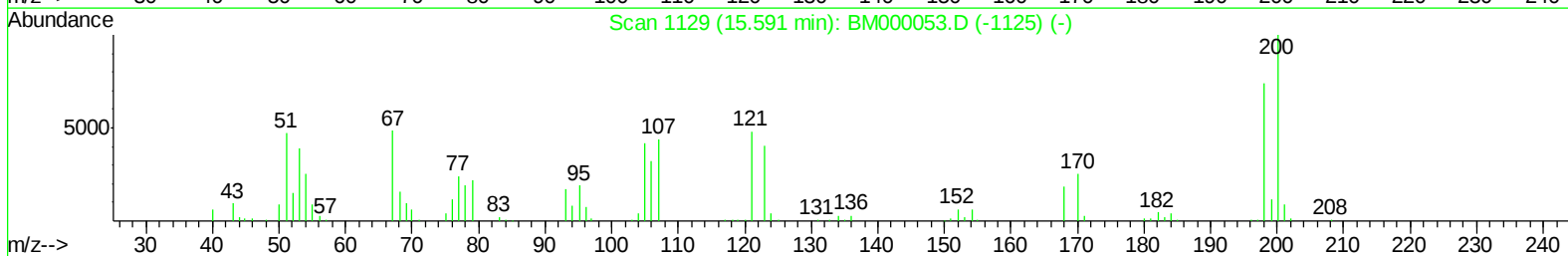
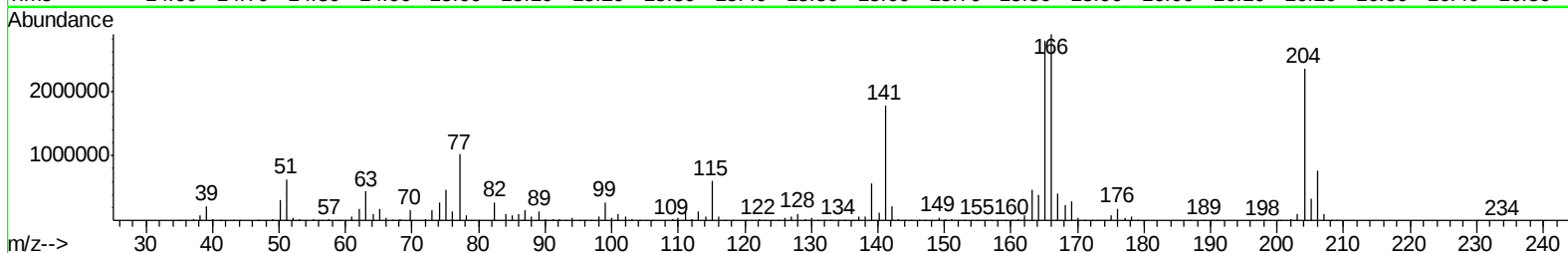
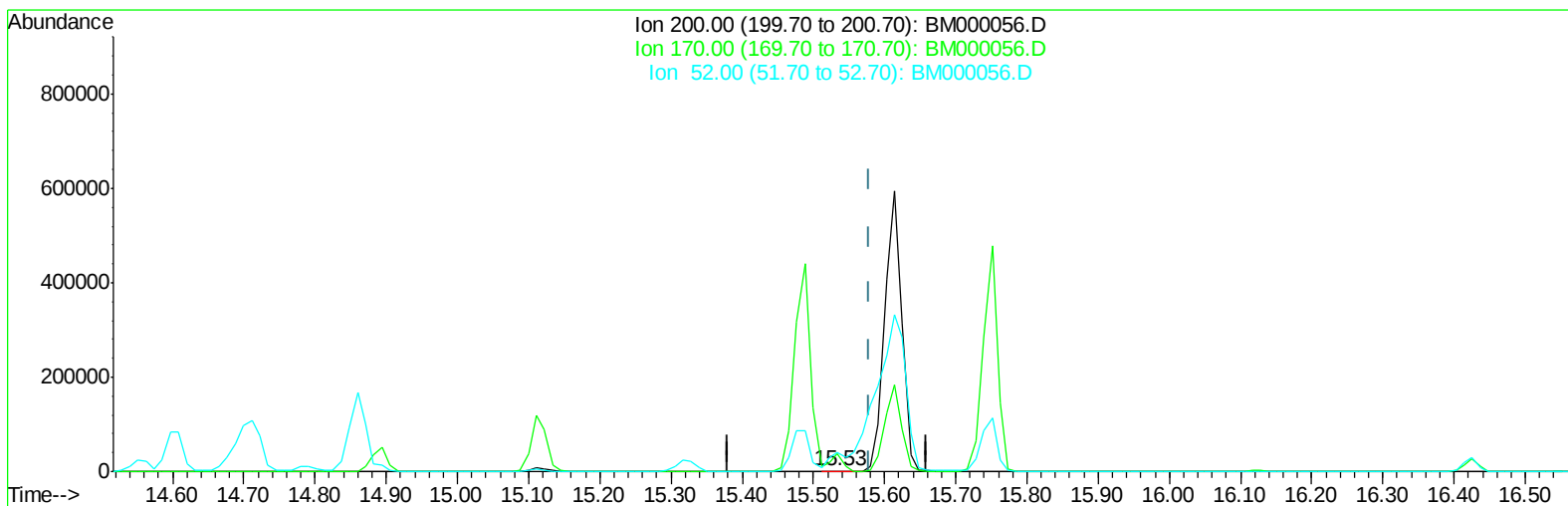
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TIC: BM000056.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.534min (-0.046) 0.30ng/ul

response 1632

Ion	Exp%	Act%
200.00	100	100
170.00	25.20	3412.99#
52.00	58.20	3846.38#
0.00	0.00	0.00

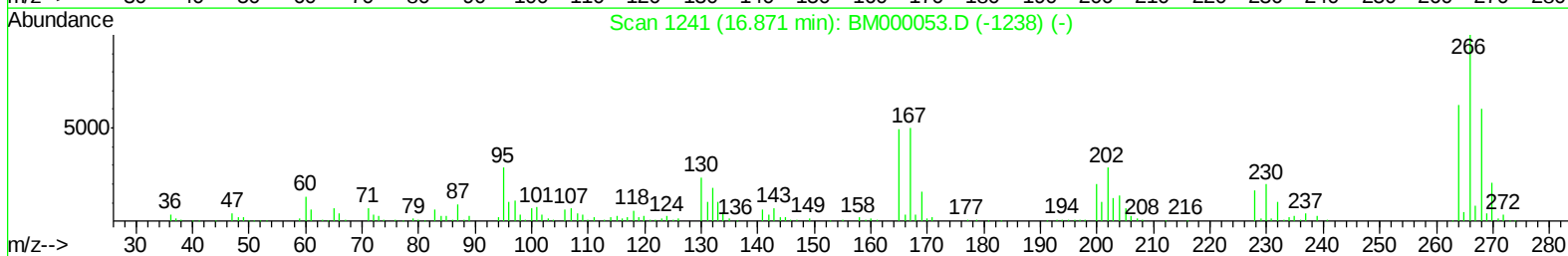
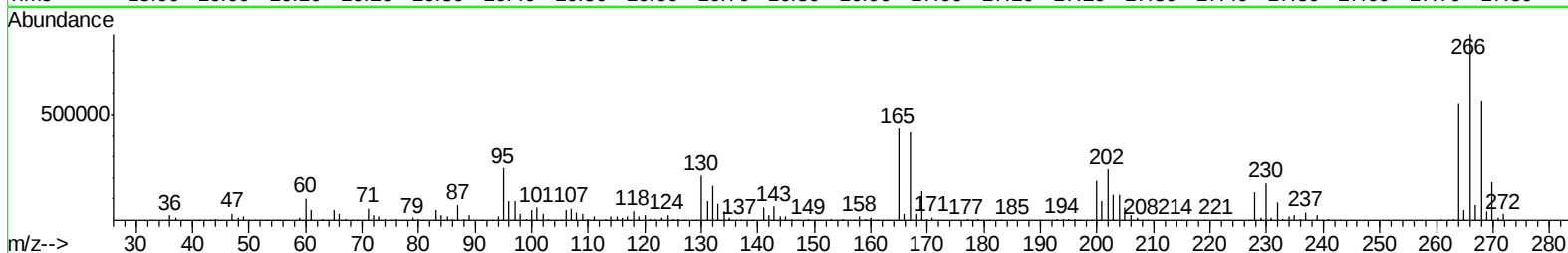
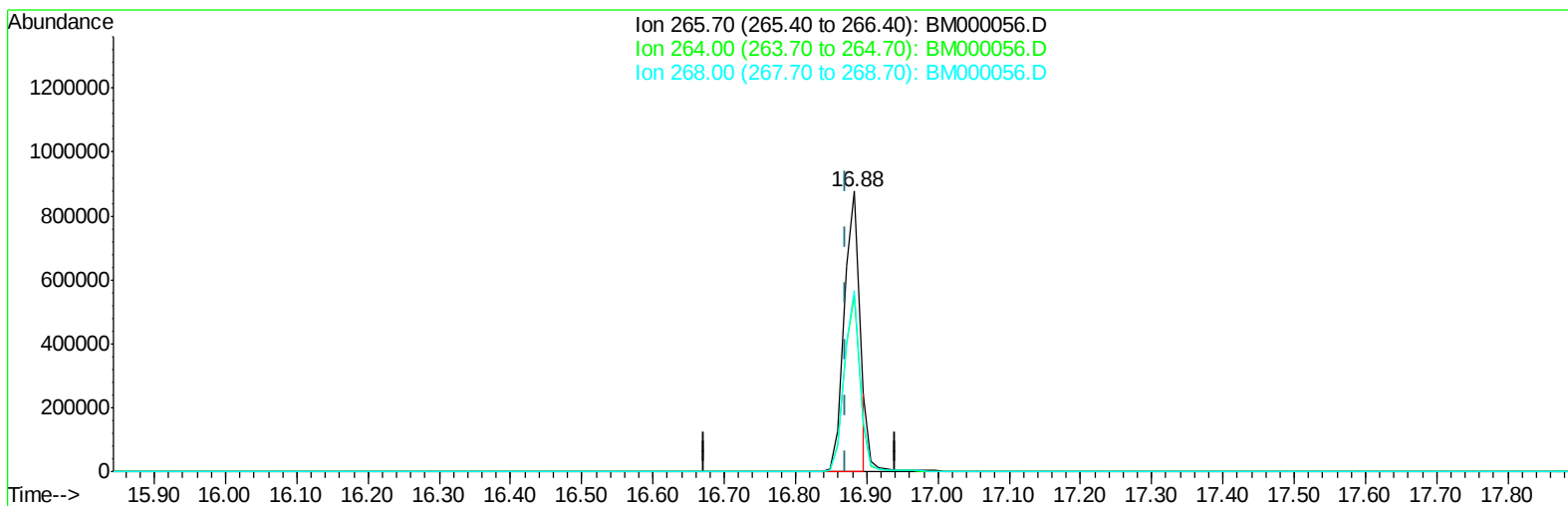
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000056.D
Acq On : 29 Dec 2014 12:56
Operator : TP
Sample : SSTD01606
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01606

Manual Integrations
APPROVED

TEJASKUMAR
1/7/2015 9:20:26 AM

Quant Time: Jun 22 17:53:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 22 17:41:17 2015
Response via : Initial Calibration



TIC: BM000056.D

(68) Pentachlorophenol (C)

16.883min (+0.011) 168.28ng/ul

response 1301969

Ion	Exp%	Act%
265.70	100	100
264.00	62.20	62.73
268.00	60.30	64.38
0.00	0.00	0.00