

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092916\
 Data File : BM007625.D
 Acq On : 29 Sep 2016 13:59
 Operator : UM/SJ
 Sample : H4955-21DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4VM9DL

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Quant Time: Sep 29 14:58:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 04:00:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	1158	0.40	ng/ul	0.00
2) Naphthalene-d8	10.58	136	4088	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	3193	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.16	188	7241m	0.40	ng/ul	0.00
16) Chrysene-d12	21.35	240	6591	0.40	ng/ul	0.00
20) Perylene-d12	23.62	264	5089	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.24	152	765	0.16	ng/ul	0.06
14) Fluoranthene-d10	19.20	212	3035	0.18	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.63	128	4066	0.43	ng/ul#	92
7) Acenaphthylene	14.14	152	4304	0.32	ng/ul	96
8) Acenaphthene	14.49	153	3493	0.33	ng/ul	95
9) Fluorene	15.50	166	5138	0.40	ng/ul	96
11) Pentachlorophenol	16.83	266	1887	0.95	ng/ul	97
12) Phenanthrene	17.21	178	7060	0.36	ng/ul	98
13) Anthracene	17.31	178	4279m	0.24	ng/ul	
17) Pyrene	19.59	202	18093	0.83	ng/ul	99
18) Benzo(a)anthracene	21.33	228	6010	0.31	ng/ul	96
19) Chrysene	21.38	228	10724	0.52	ng/ul	95
22) Benzo(k)fluoranthene	22.98	252	4345	0.25	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.91	276	5588	0.34	ng/ul#	94
26) Benzo(g,h,i)perylene	26.61	276	6623	0.45	ng/ul	98

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

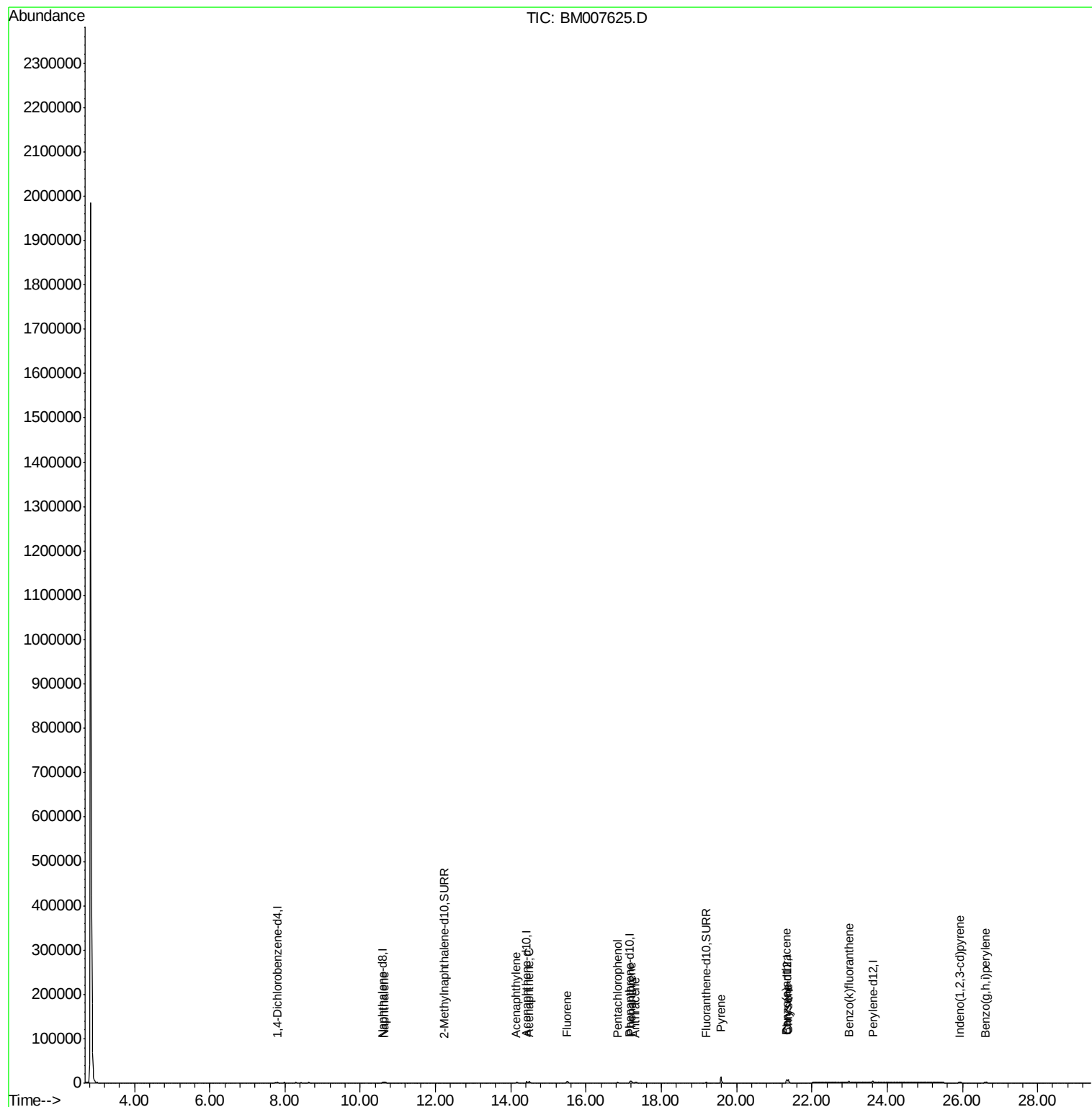
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092916\
Data File : BM007625.D
Acq On : 29 Sep 2016 13:59
Operator : UM/SJ
Sample : H4955-21DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

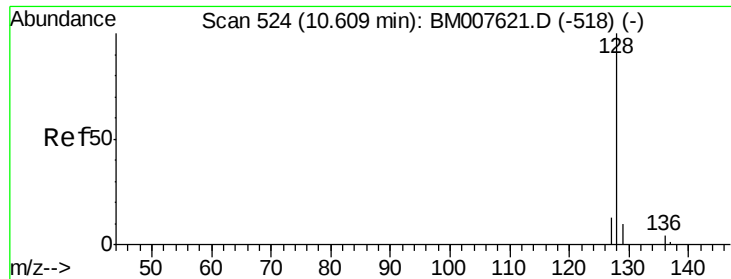
Instrument :
BNA_M
ClientSampleId :
A4VM9DL

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Quant Time: Sep 29 14:58:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 04:00:23 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.43 ng/ul

RT: 10.63 min Scan# 526

Delta R.T. 0.01 min

Lab File: BM007625.D

Acq: 29 Sep 2016 13:59

Instrument :

BNA_M

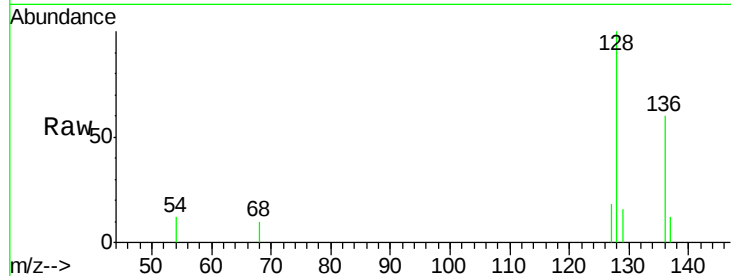
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.0	10.7	16.1
127	18.0	11.3	16.9

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Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

1000

800

600

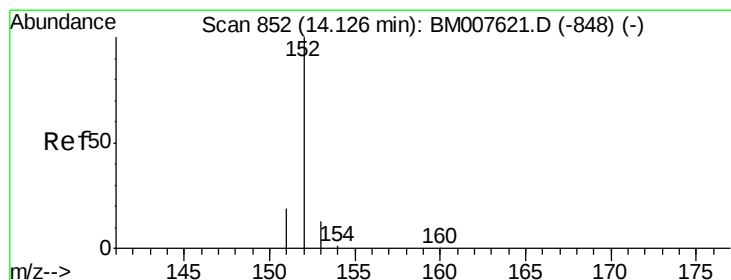
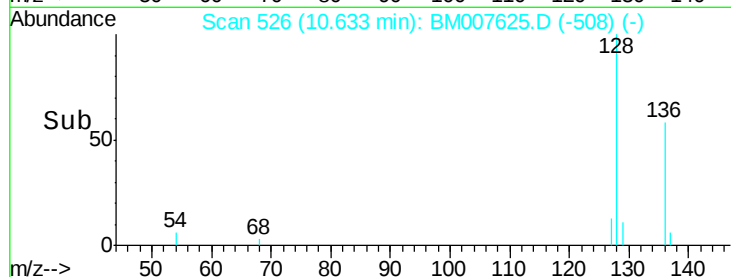
400

200

0

Time-->

10.50 10.60 10.70 10.80



#7

Acenaphthylene

Concen: 0.32 ng/ul

RT: 14.14 min Scan# 853

Delta R.T. 0.00 min

Lab File: BM007625.D

Acq: 29 Sep 2016 13:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.9	15.8	23.8
153	15.5	12.2	18.2

Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

1500

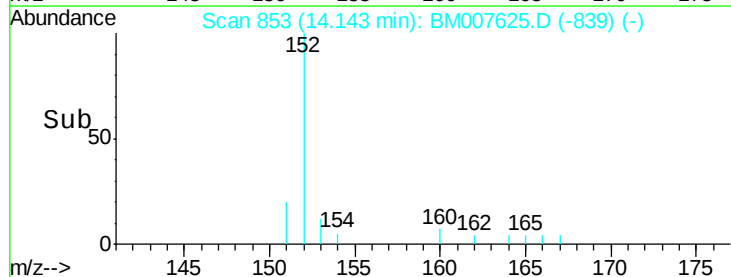
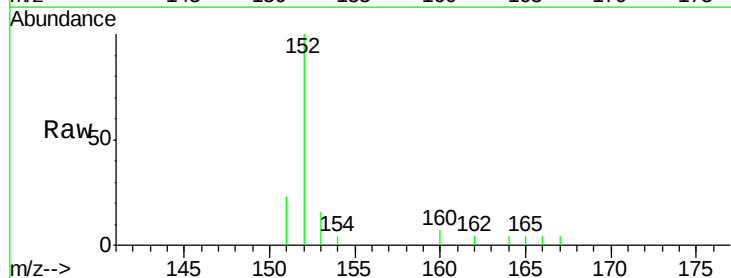
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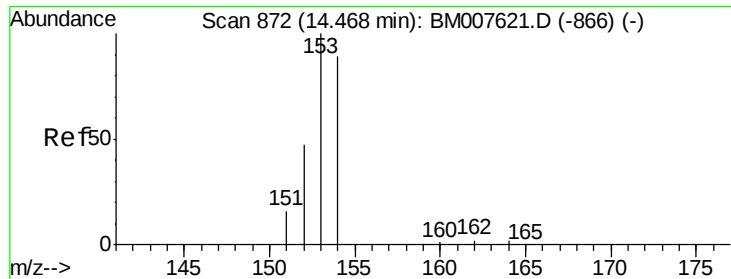
500

0

Time-->

14.00 14.20





#8

Acenaphthene

Concen: 0.33 ng/ul

RT: 14.49 min Scan# 873

Delta R.T. 0.00 min

Lab File: BM007625.D

Acq: 29 Sep 2016 13:59

Instrument :

BNA_M

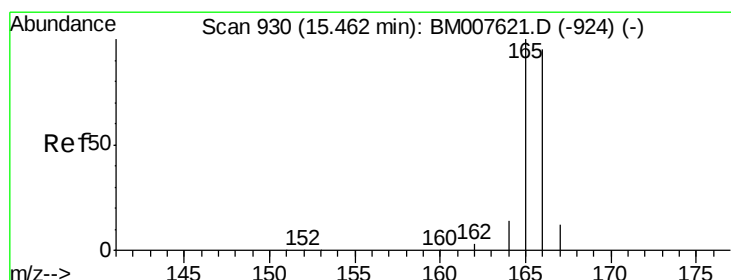
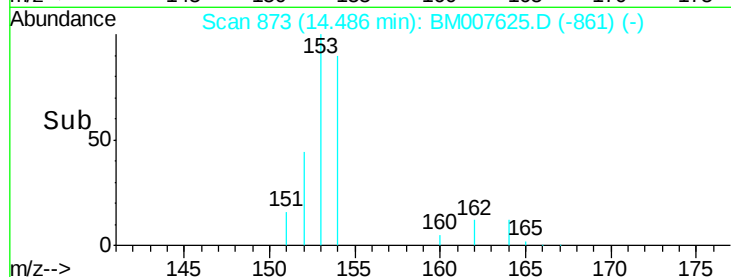
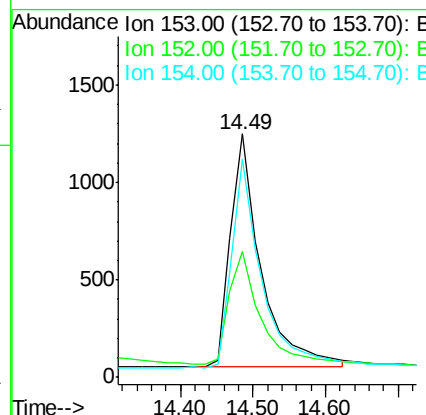
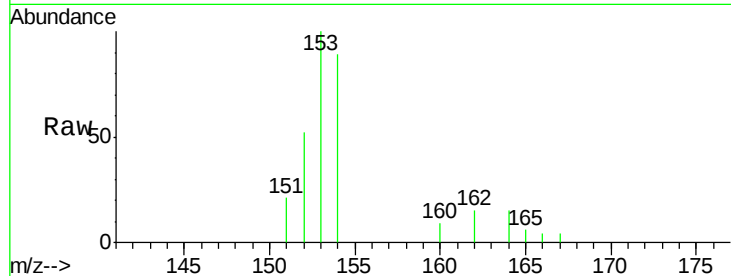
ClientSampleId :

A4VM9DL

Tgt Ion:	153	Resp:	3493
Ion Ratio	Lower	Upper	
153	100		
152	51.8	37.6	56.4
154	89.4	74.6	112.0

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#9

Fluorene

Concen: 0.40 ng/ul

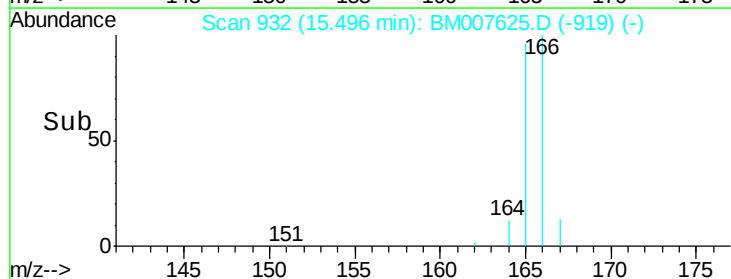
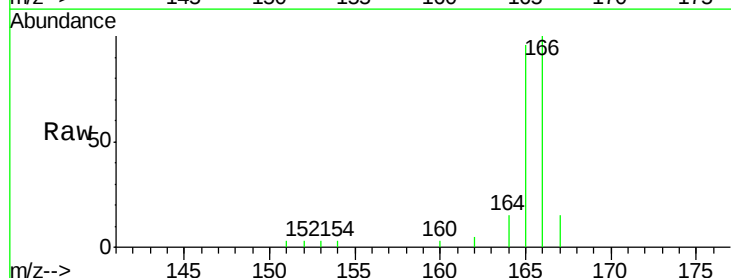
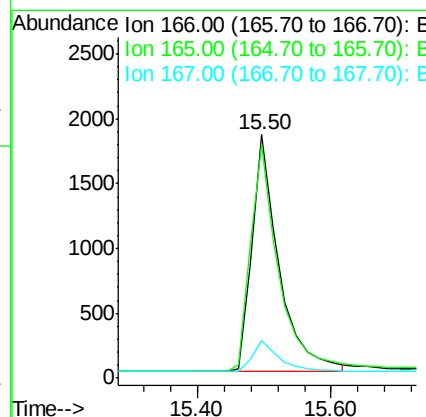
RT: 15.50 min Scan# 932

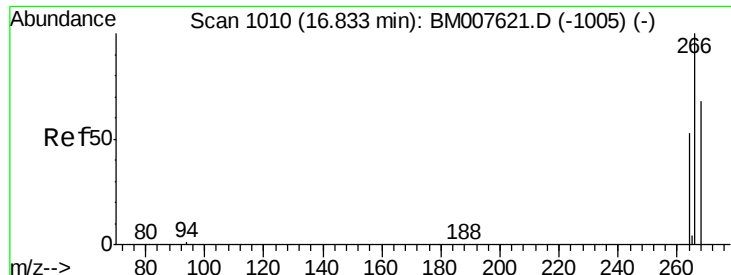
Delta R.T. 0.02 min

Lab File: BM007625.D

Acq: 29 Sep 2016 13:59

Tgt Ion:	166	Resp:	5138
Ion Ratio	Lower	Upper	
166	100		
165	96.0	79.8	119.8
167	15.2	11.5	17.3





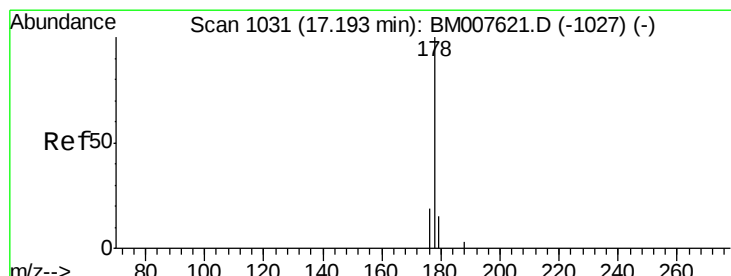
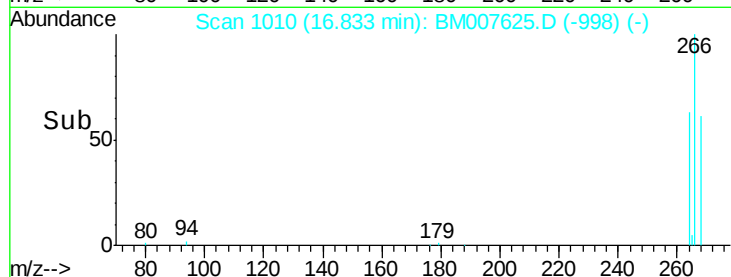
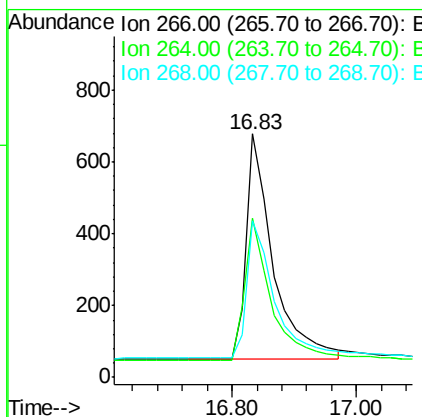
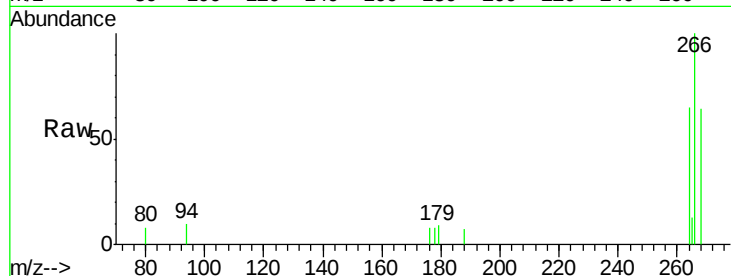
#11
 Pentachlorophenol
 Concen: 0.95 ng/ul
 RT: 16.83 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BM007625.D
 Acq: 29 Sep 2016 13:59

Instrument :
 BNA_M
 ClientSampleId :
 A4VM9DL

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1887		
264	63.0		51.4	77.2
268	63.3		52.9	79.3

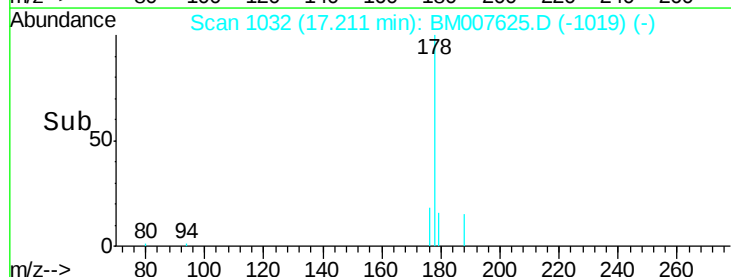
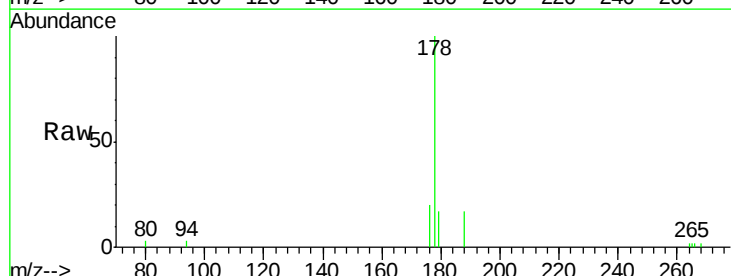
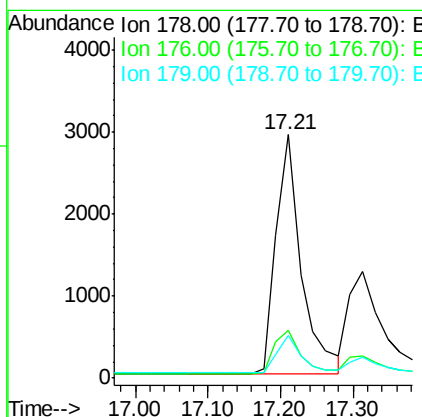
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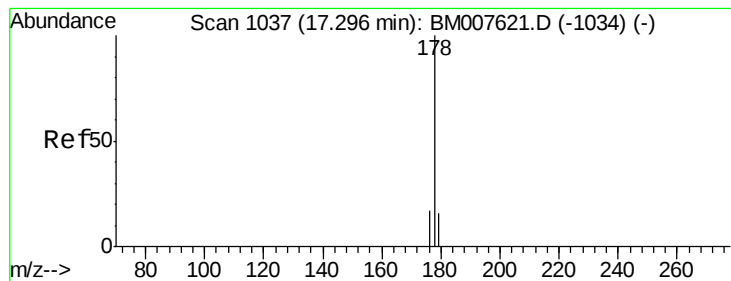
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#12
 Phenanthrene
 Concen: 0.36 ng/ul
 RT: 17.21 min Scan# 1032
 Delta R.T. 0.02 min
 Lab File: BM007625.D
 Acq: 29 Sep 2016 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	7060		
176	19.8		14.9	22.3
179	17.4		13.7	20.5





#13

Anthracene

Concen: 0.24 ng/ul m

RT: 17.31 min Scan# 1038

Delta R.T. 0.02 min

Lab File: BM007625.D

Acq: 29 Sep 2016 13:59

Instrument :

BNA_M

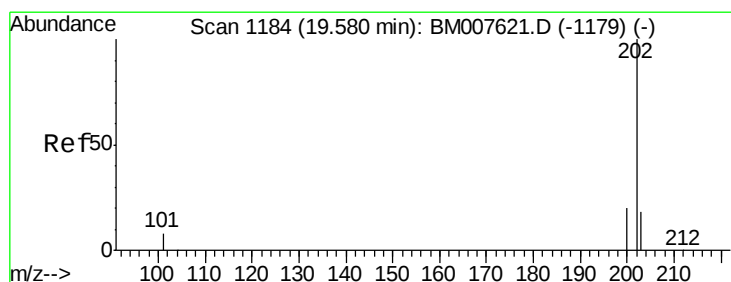
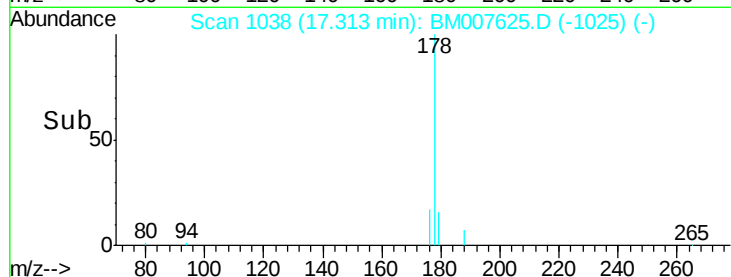
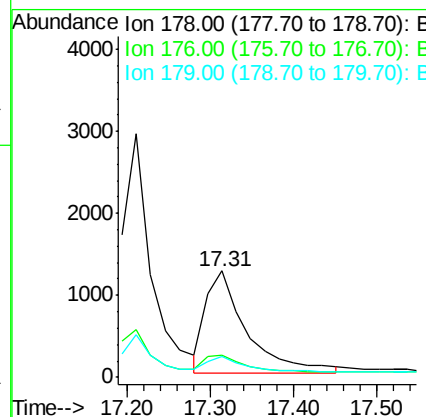
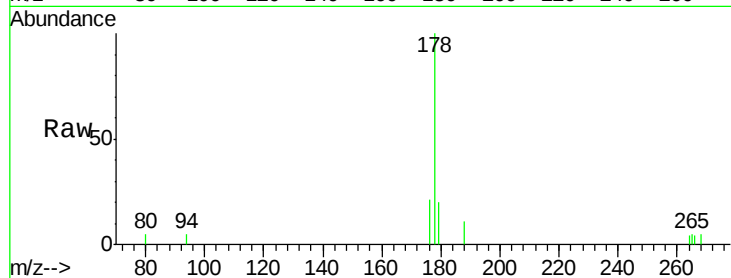
ClientSampleId :

A4VM9DL

Tgt Ion:	178	Resp:	4279
Ion Ratio	Lower	Upper	
178	100		
176	20.8	16.6	24.8
179	19.7	12.5	18.7#

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#17

Pyrene

Concen: 0.83 ng/ul

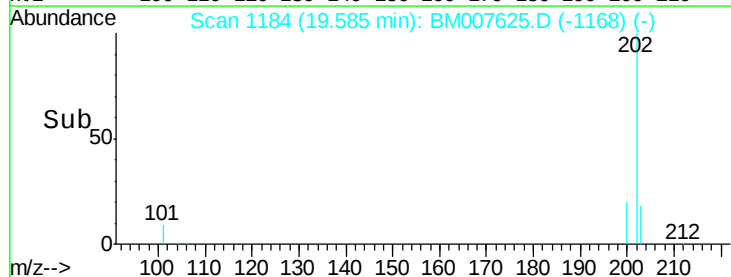
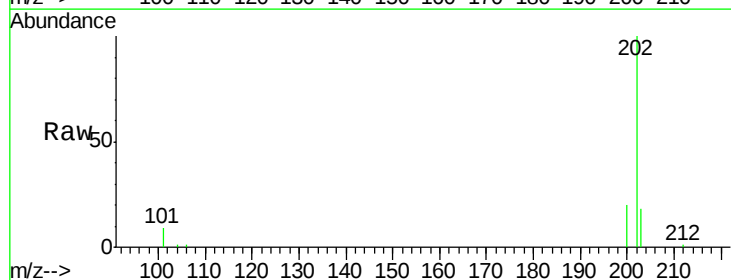
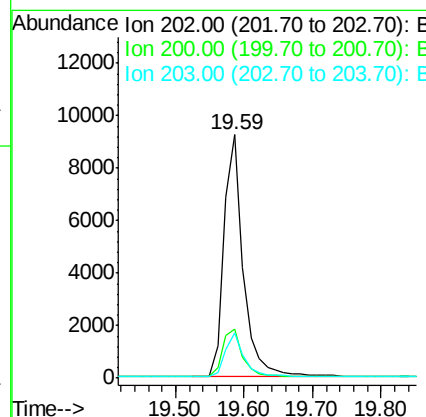
RT: 19.59 min Scan# 1184

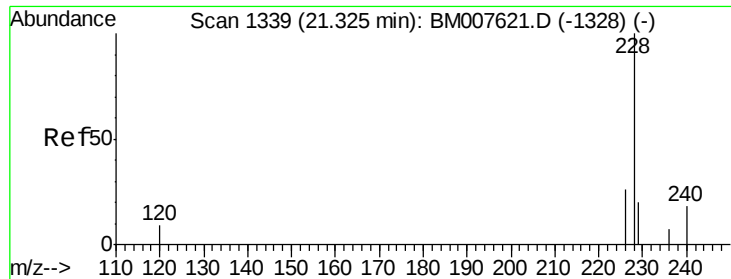
Delta R.T. -0.01 min

Lab File: BM007625.D

Acq: 29 Sep 2016 13:59

Tgt Ion:	202	Resp:	18093
Ion Ratio	Lower	Upper	
202	100		
200	20.1	15.9	23.9
203	18.4	15.0	22.4





#18

Benzo(a)anthracene

Concen: 0.31 ng/ul

RT: 21.33 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BM007625.D

Acq: 29 Sep 2016 13:59

Instrument :

BNA_M

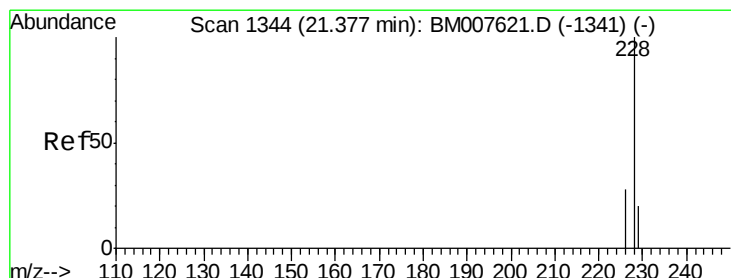
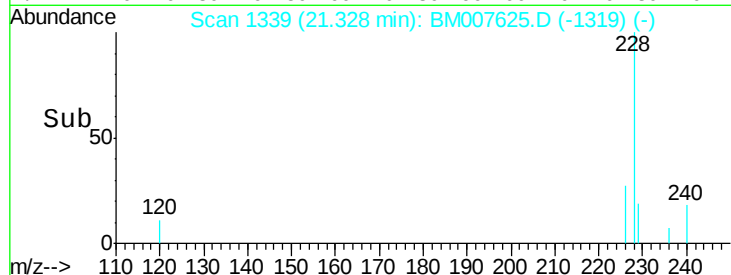
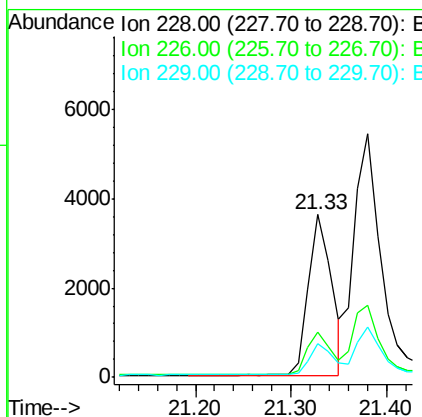
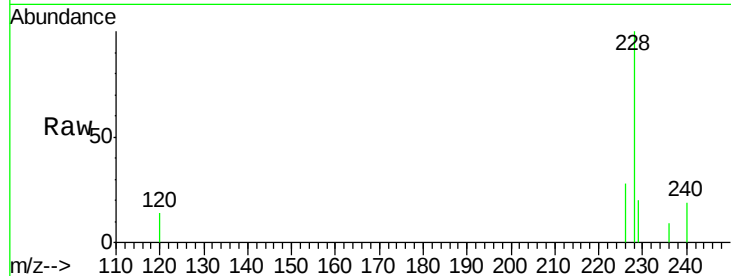
ClientSampleId :

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Tgt Ion:	228	Resp:	6010
Ion Ratio		Lower	Upper
228	100		
226	28.2	20.2	30.4
229	20.5	16.7	25.1

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#19

Chrysene

Concen: 0.52 ng/ul

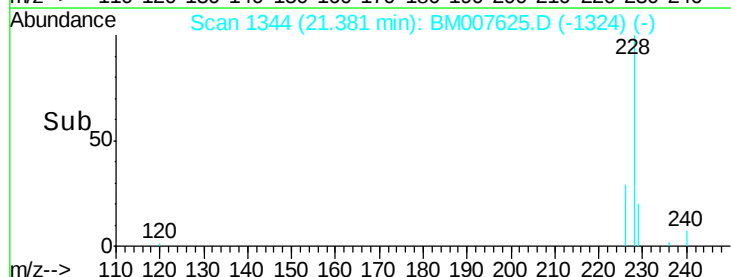
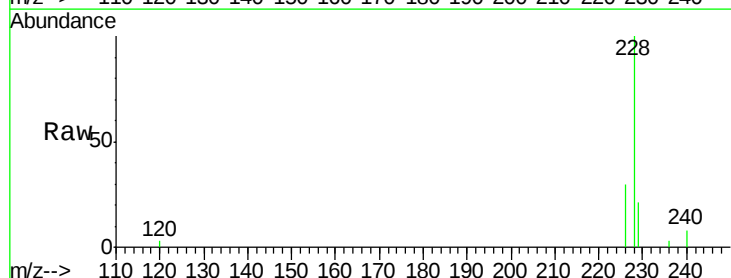
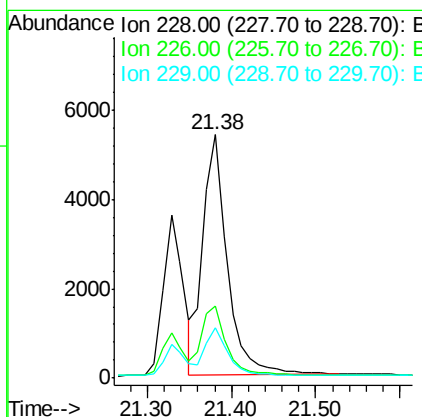
RT: 21.38 min Scan# 1344

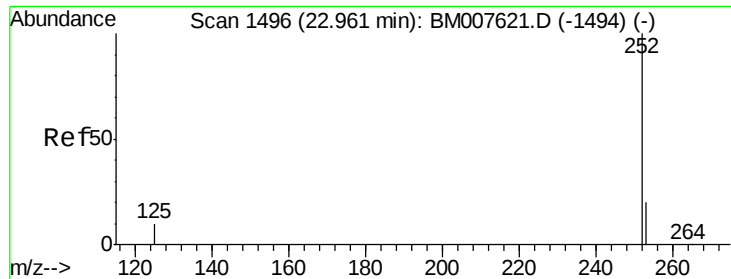
Delta R.T. 0.00 min

Lab File: BM007625.D

Acq: 29 Sep 2016 13:59

Tgt Ion:	228	Resp:	10724
Ion Ratio		Lower	Upper
228	100		
226	29.8	25.9	38.9
229	20.5	14.7	22.1





#22

Benzo(k)fluoranthene

Concen: 0.25 ng/ul

RT: 22.98 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BM007625.D

Acq: 29 Sep 2016 13:59

Instrument :

BNA_M

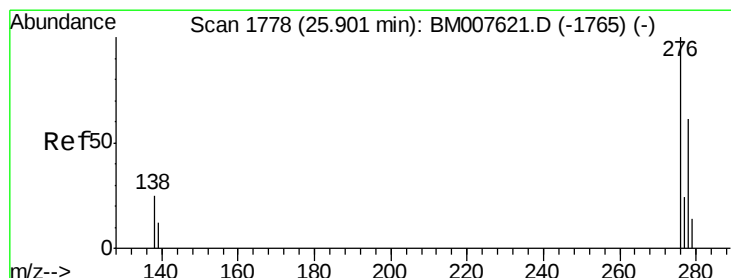
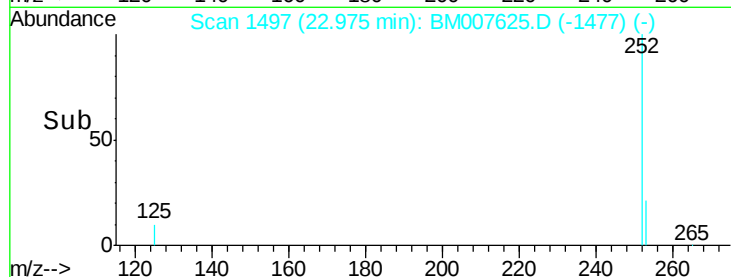
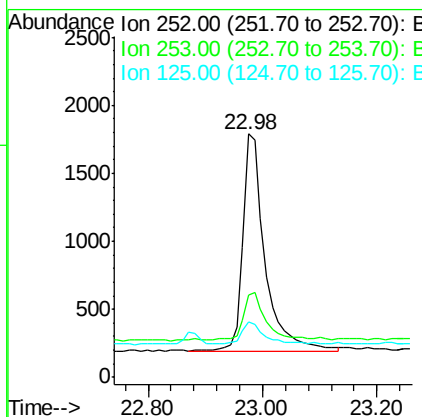
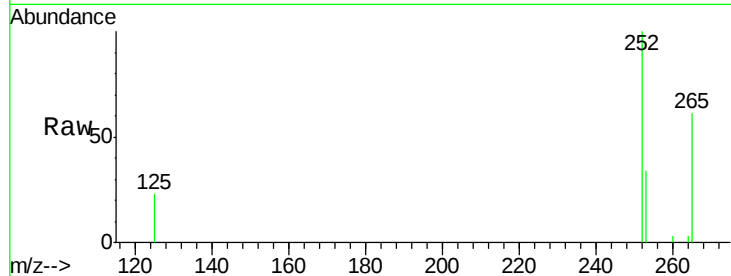
ClientSampleId :

A4VM9DL

Tgt Ion:	252	Resp:	4345
Ion Ratio	Lower	Upper	
252	100		
253	33.9	19.7	29.5#
125	22.8	11.5	17.3#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.34 ng/ul

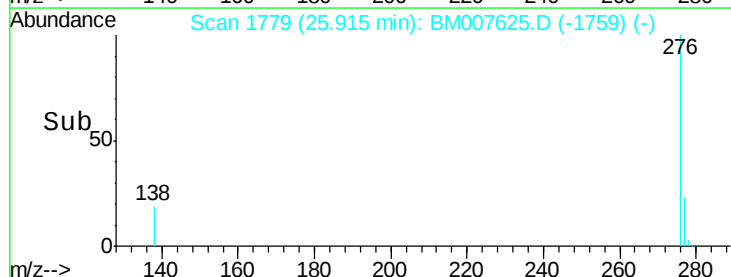
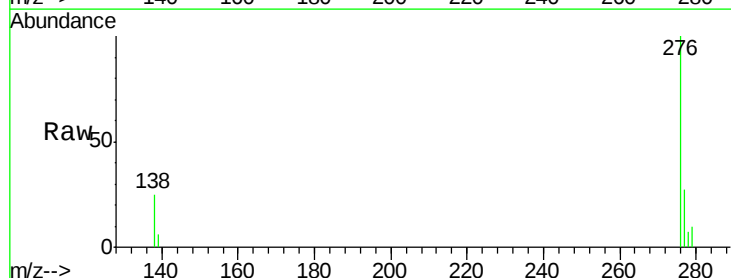
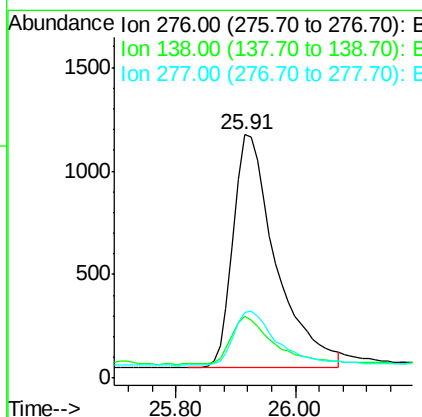
RT: 25.91 min Scan# 1779

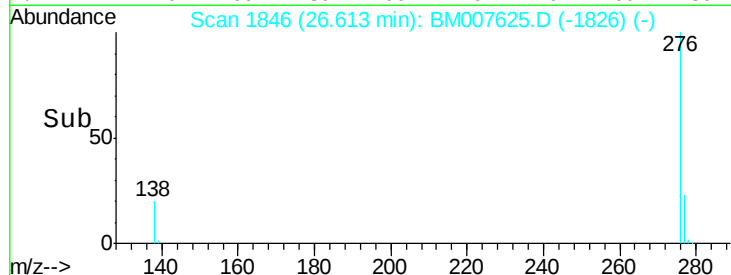
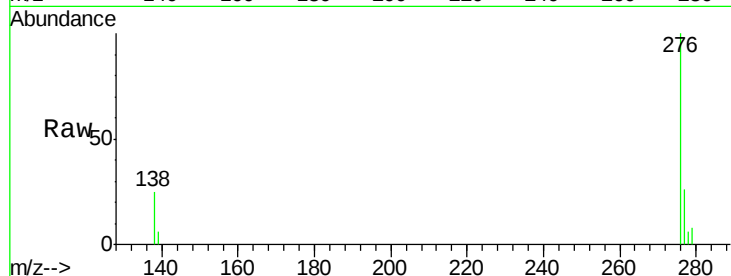
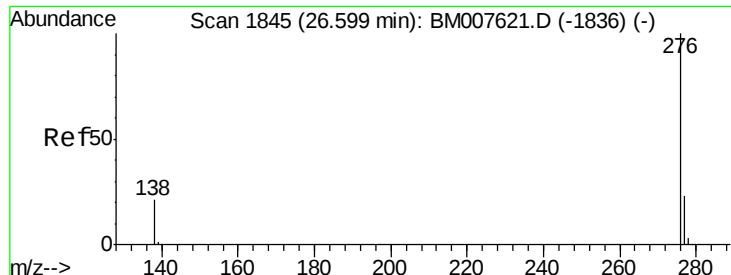
Delta R.T. 0.00 min

Lab File: BM007625.D

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Tgt Ion:	276	Resp:	5588
Ion Ratio	Lower	Upper	
276	100		
138	20.6	20.8	31.2#
277	24.0	19.6	29.4





#26
Benzo(g,h,i)perylene
Concen: 0.45 ng/ul
RT: 26.61 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BM007625.D
Acq: 29 Sep 2016 13:59

Tgt Ion:	276	Resp:	6623
Ion Ratio	Lower	Upper	
276	100		
277	26.4	20.5	30.7
138	24.5	20.3	30.5

Instrument :
BNA_M
ClientSampleId :
A4VM9DL

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