

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
 Data File : BN003059.D
 Acq On : 10 Oct 2018 10:10
 Operator : MJ/SJ
 Sample : J5115-13DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC46DL

Manual Integrations
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Quant Time: Oct 10 12:04:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 10 08:36:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1797	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	7695	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4487	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	10425	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	9039	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	7379	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	703	0.06	ng/ul	0.01
14) Fluoranthene-d10	19.05	212	1869	0.06	ng/ul	-0.01
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.10	142	281	0.021	ng/ul	97
12) Phenanthrene	17.06	178	6624	0.228	ng/ul	98
13) Anthracene	17.15	178	1616	0.059	ng/ul#	89
15) Fluoranthene	19.09	202	25403	0.745	ng/ul	99
17) Pyrene	19.45	202	28303	0.806	ng/ul	97
18) Benzo(a)anthracene	21.21	228	14678	0.505	ng/ul	97
19) Chrysene	21.26	228	31630	1.071	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	30257m	1.139	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	8204m	0.298	ng/ul	
23) Benzo(a)pyrene	23.34	252	10608	0.445	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.65	276	11658	0.426	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.64	278	2860	0.131	ng/ul#	42
26) Benzo(g,h,i)perylene	26.32	276	12232	0.530	ng/ul	97

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

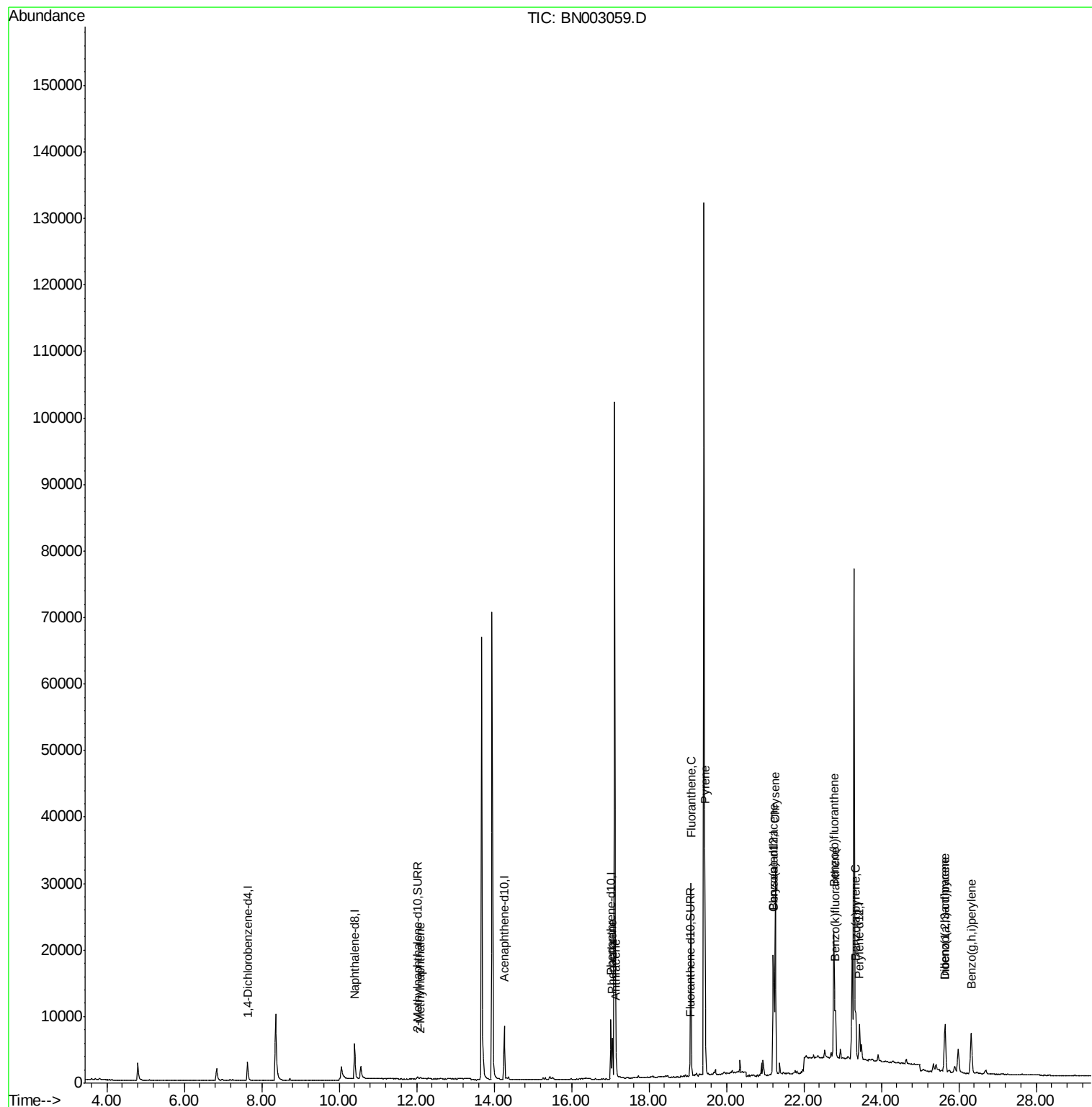
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
Data File : BN003059.D
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ALS Vial : 31 Sample Multiplier: 1

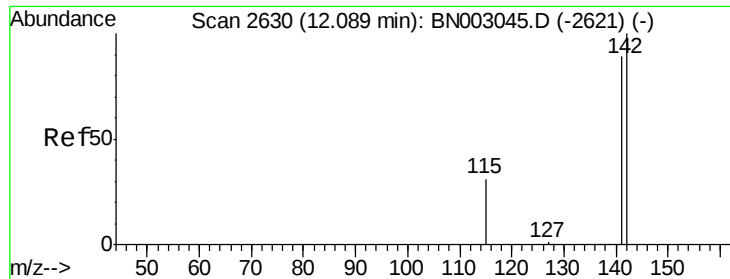
Instrument :
BNA_N
ClientSampleId :
JLC46DL

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Quant Time: Oct 10 12:04:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 10 08:36:11 2018
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.01 min

Lab File: BN003059.D

Acq: 10 Oct 2018 10:10

Instrument :

BNA_N

ClientSampled :

JLC46DL

Tgt Ion:142 Resp: 281

Ion Ratio Lower Upper

142 100

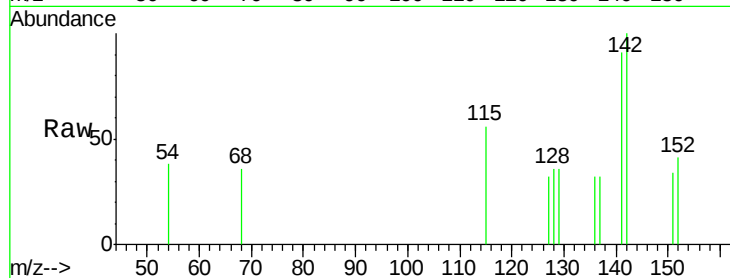
141 94.3 73.4 110.0

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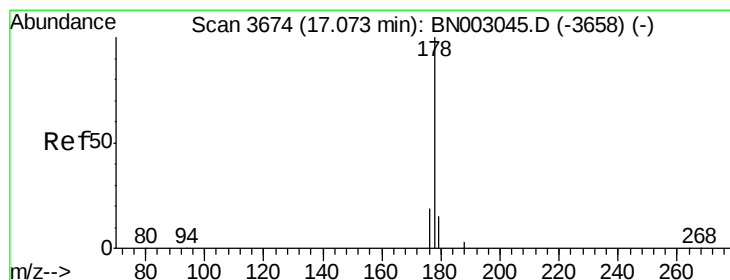
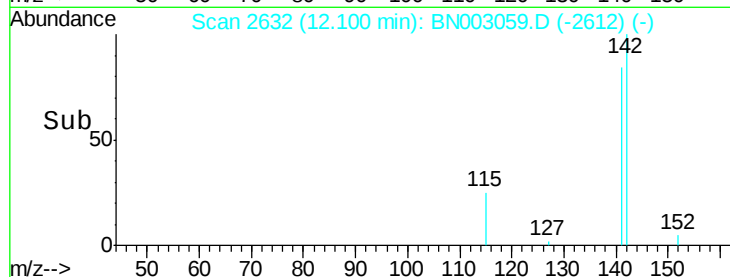
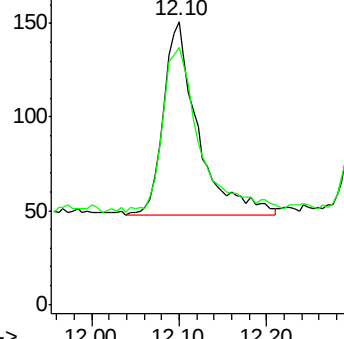
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#12

Phenanthrene

Concen: 0.228 ng/ul

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003059.D

Acq: 10 Oct 2018 10:10

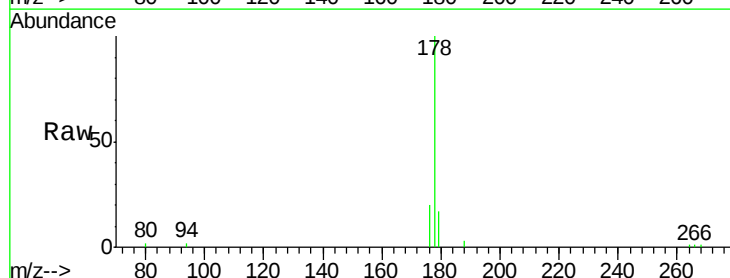
Tgt Ion:178 Resp: 6624

Ion Ratio Lower Upper

178 100

179 16.9 12.9 19.3

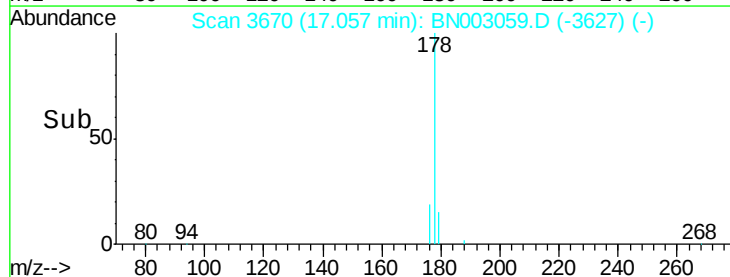
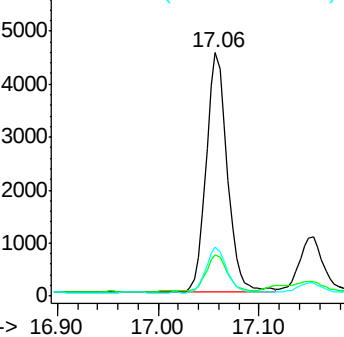
176 20.0 15.4 23.2

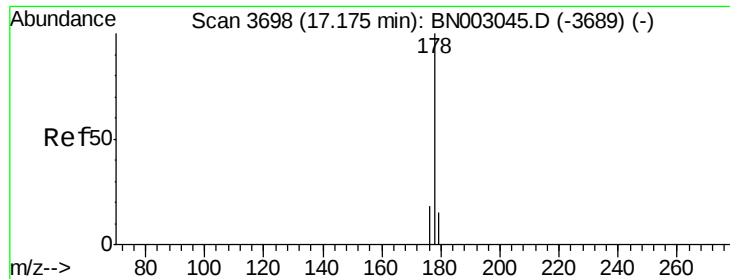


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.059 ng/ul

RT: 17.15 min Scan# 3693

Delta R.T. -0.02 min

Lab File: BN003059.D

Acq: 10 Oct 2018 10:10

Instrument :

BNA_N

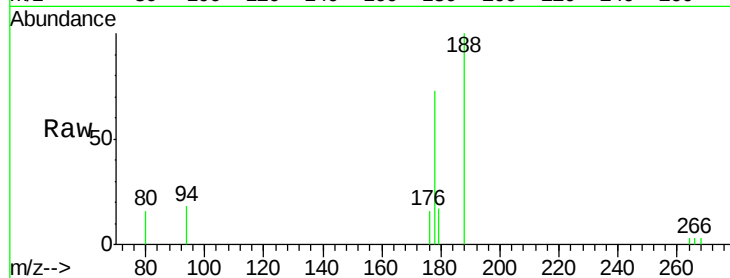
ClientSampleId :

JLC46DL

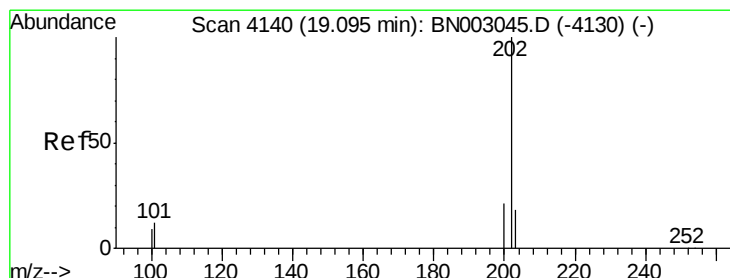
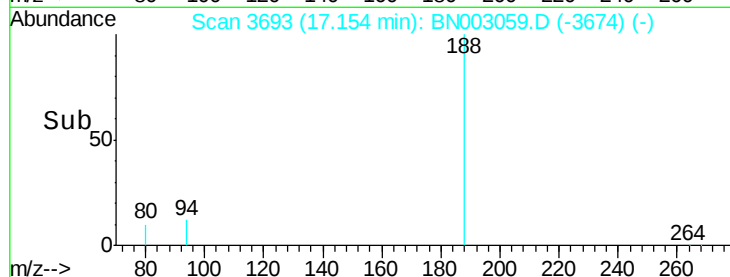
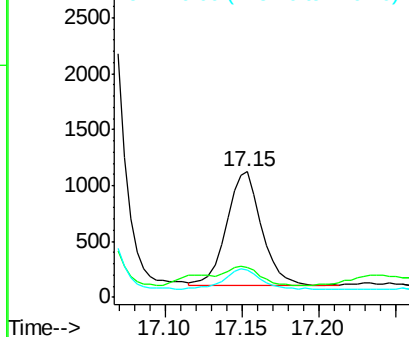
Tgt Ion:	178	Resp:	1616
Ion Ratio	Lower	Upper	
178	100		
179	23.6	13.0	19.6#
176	22.1	15.3	22.9

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.745 ng/ul

RT: 19.09 min Scan# 4138

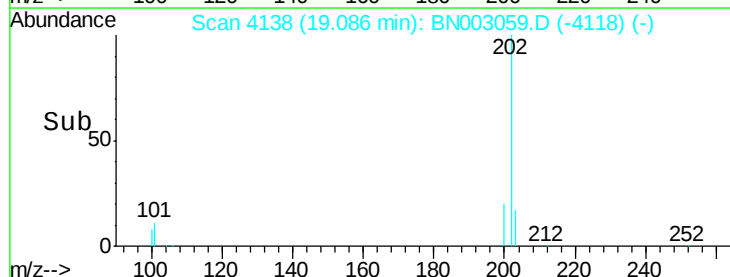
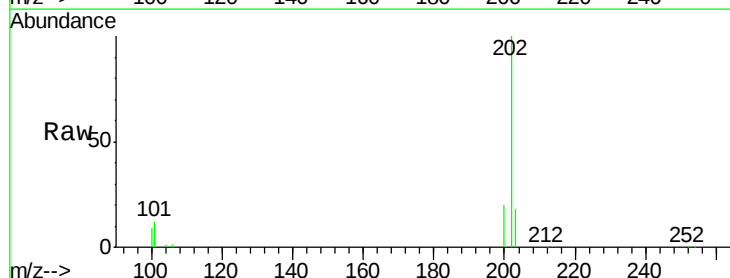
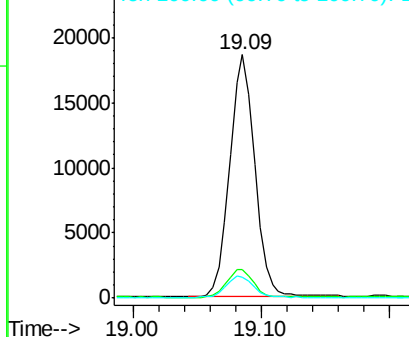
Delta R.T. -0.01 min

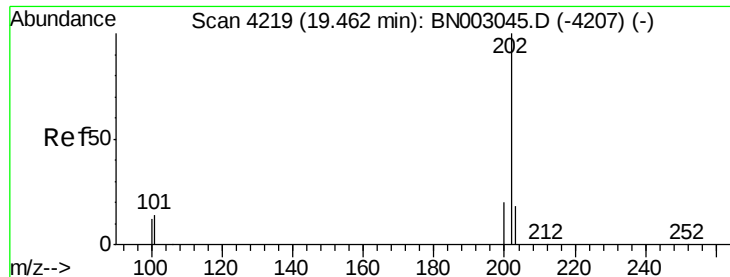
Lab File: BN003059.D

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Tgt Ion:	202	Resp:	25403
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	32.3
100	8.8	0.0	29.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





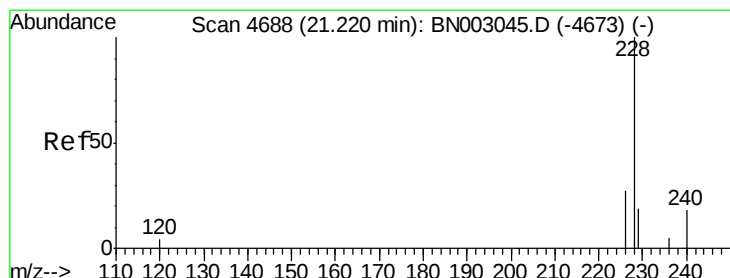
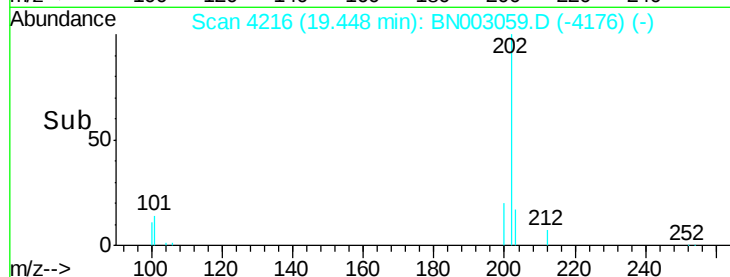
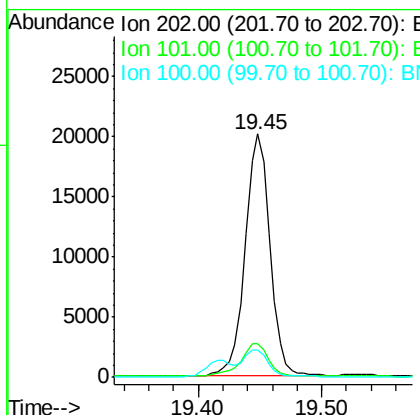
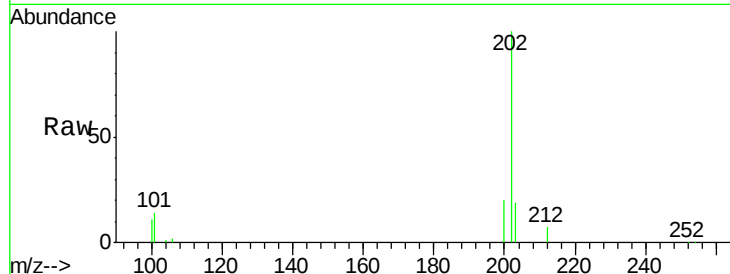
#17
Pyrene
 Concen: 0.806 ng/ul
 RT: 19.45 min Scan# 4216
 Delta R.T. -0.01 min
 Lab File: BN003059.D
 Acq: 10 Oct 2018 10:10

Instrument :
 BNA_N
 ClientSampled :
 JLC46DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.0	11.9	17.9
100	11.2	9.9	14.9

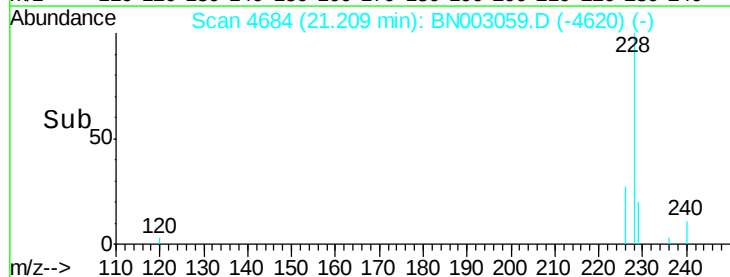
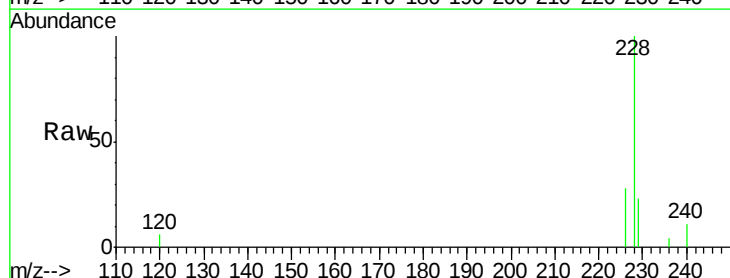
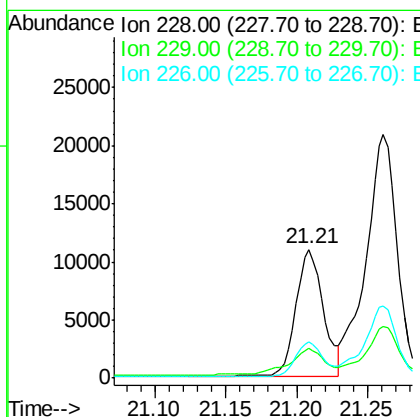
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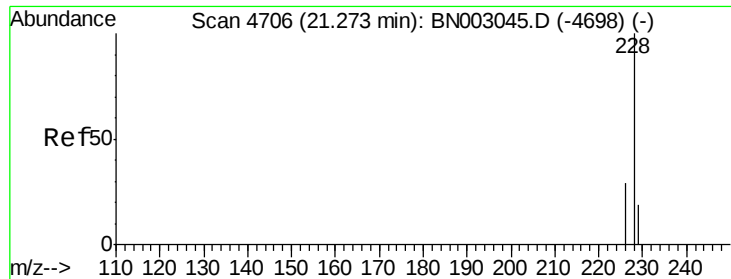
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#18
Benzo(a)anthracene
 Concen: 0.505 ng/ul
 RT: 21.21 min Scan# 4684
 Delta R.T. -0.01 min
 Lab File: BN003059.D
 Acq: 10 Oct 2018 10:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.9	16.2	24.2
226	27.7	22.3	33.5





#19

Chrysene

Concen: 1.071 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003059.D

Acq: 10 Oct 2018 10:10

Instrument :

BNA_N

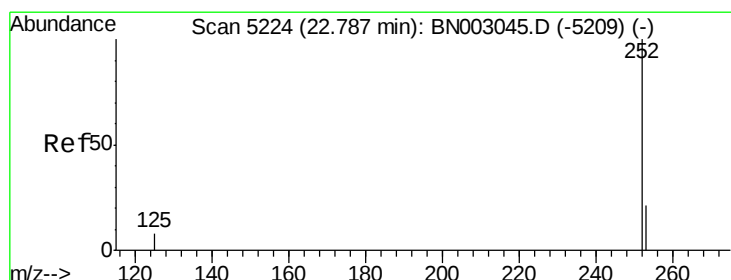
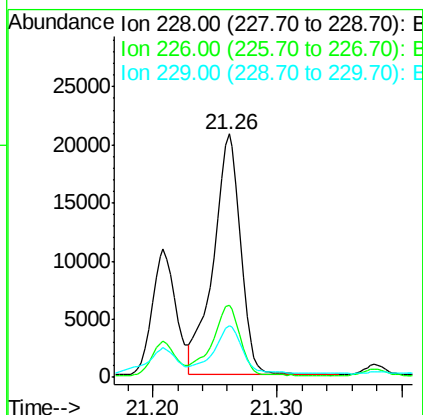
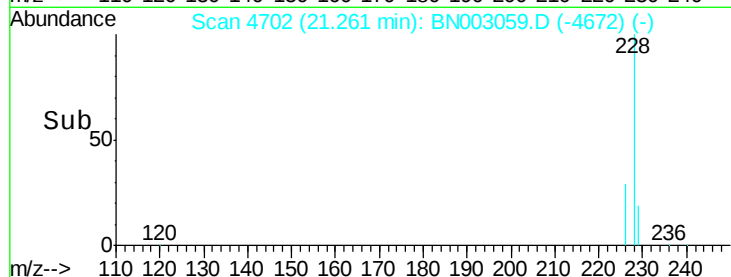
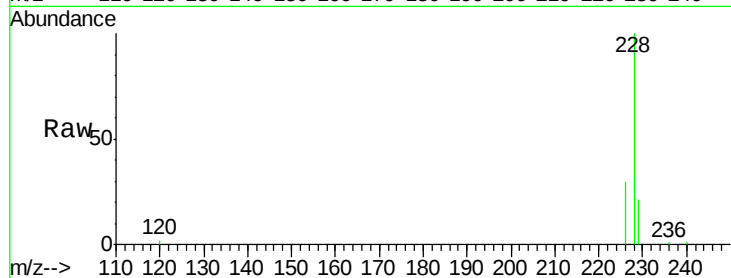
ClientSampled :

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Tgt Ion:	228	Resp:	31630
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.2	36.4
229	21.4	16.7	25.1

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#21

Benzo(b)fluoranthene

Concen: 1.139 ng/ul m

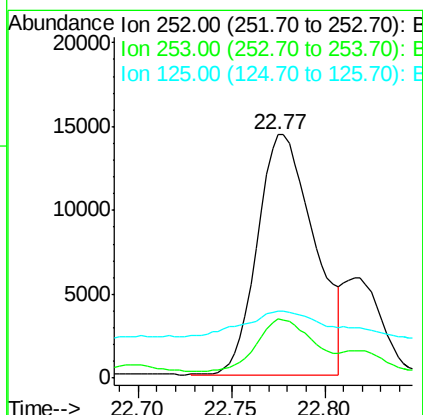
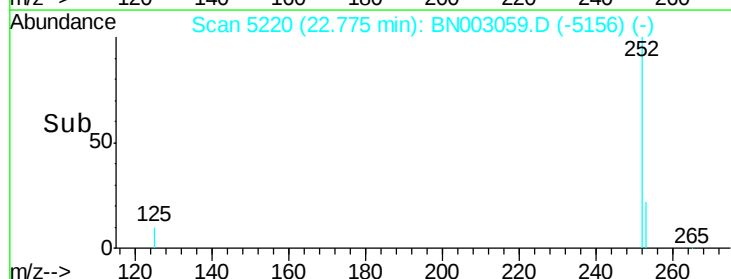
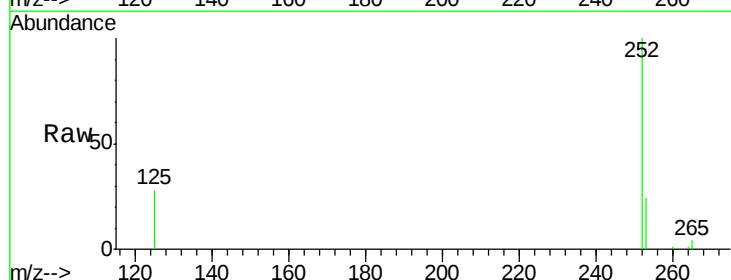
RT: 22.77 min Scan# 5220

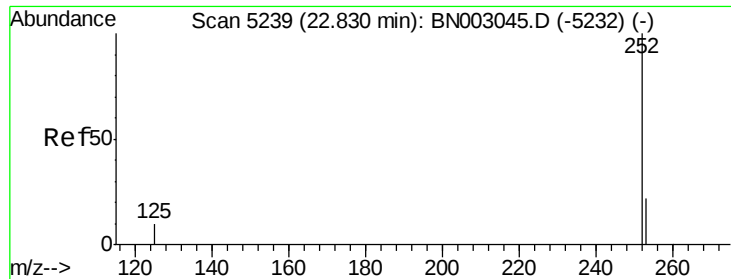
Delta R.T. -0.01 min

Lab File: BN003059.D

Acq: 10 Oct 2018 10:10

Tgt Ion:	252	Resp:	30257
Ion Ratio	Lower	Upper	
252	100		
253	24.2	0.0	53.2
125	27.6	0.0	34.2





#22

Benzo(k)fluoranthene

Concen: 0.298 ng/ul m

RT: 22.82 min Scan# 5234

Delta R.T. -0.01 min

Lab File: BN003059.D

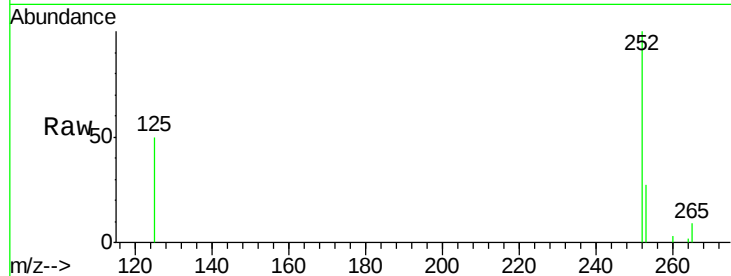
Acq: 10 Oct 2018 10:10

Instrument :

BNA_N

ClientSampleId :

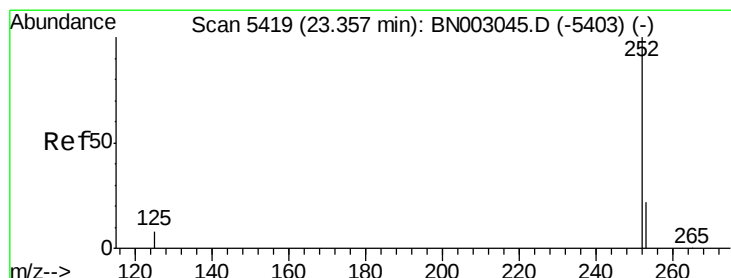
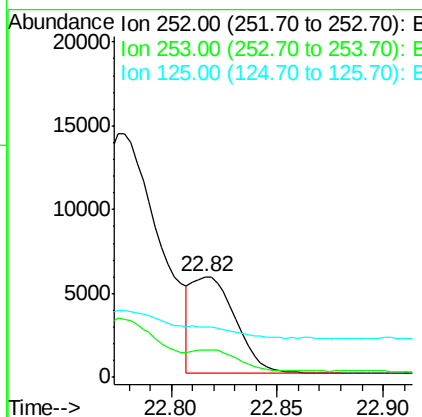
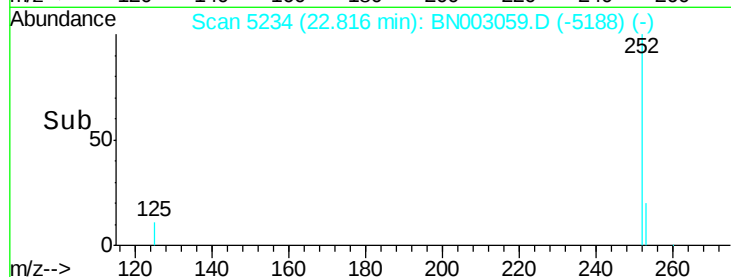
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Tgt Ion:	252	Resp:	8204
Ion Ratio	Lower	Upper	
252	100		
253	27.3	21.3	31.9
125	50.4	14.1	21.1#

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#23

Benzo(a)pyrene

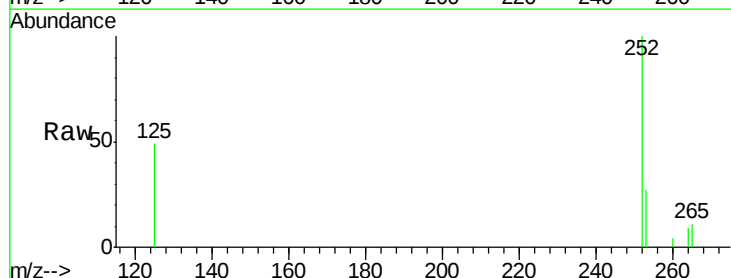
Concen: 0.445 ng/ul

RT: 23.34 min Scan# 5413

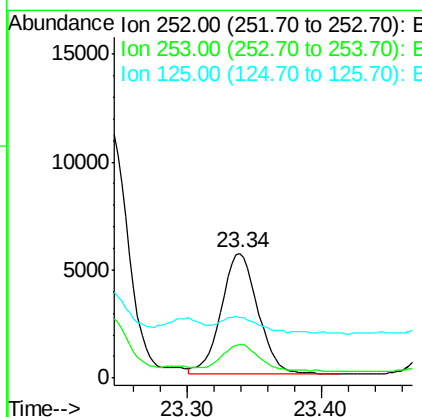
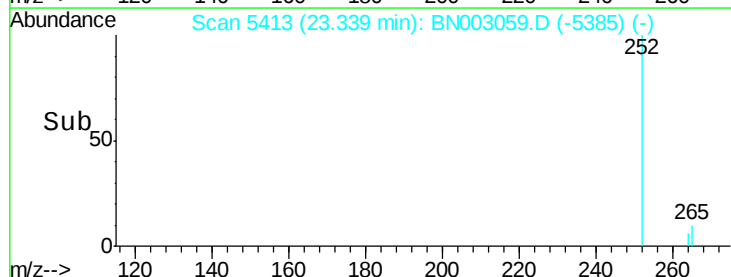
Delta R.T. -0.02 min

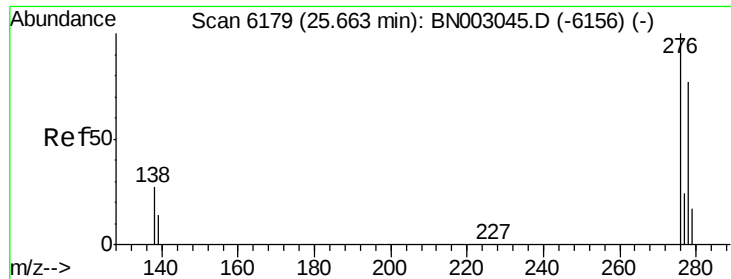
Lab File: BN003059.D

Acq: 10 Oct 2018 10:10



Tgt Ion:	252	Resp:	10608
Ion Ratio	Lower	Upper	
252	100		
253	26.9	23.1	34.7
125	48.7	16.9	25.3#





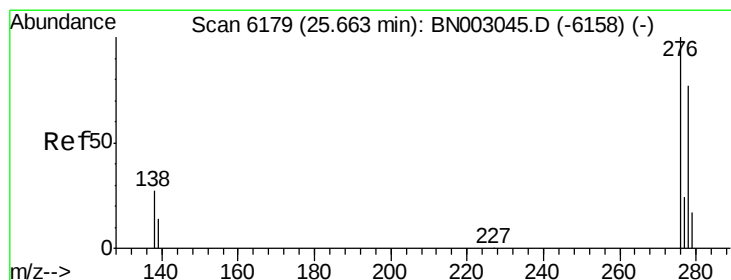
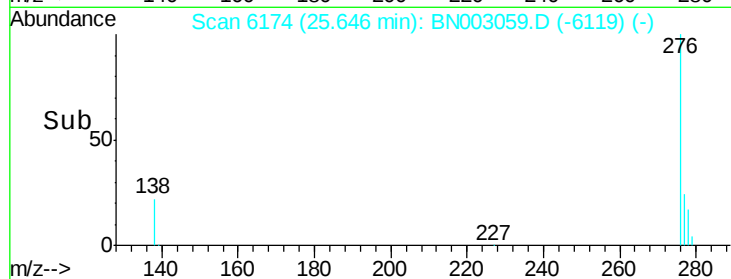
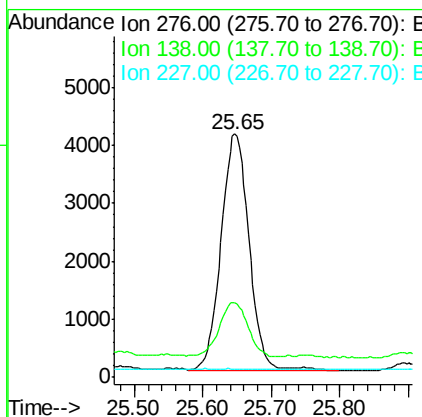
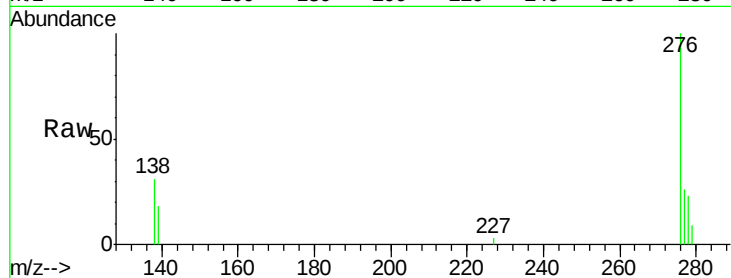
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.426 ng/ul
 RT: 25.65 min Scan# 6174
 Delta R.T. -0.02 min
 Lab File: BN003059.D
 Acq: 10 Oct 2018 10:10

Instrument :
 BNA_N
 ClientSampled :
 JLC46DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	21.5	32.3
227	0.1	0.3	0.5

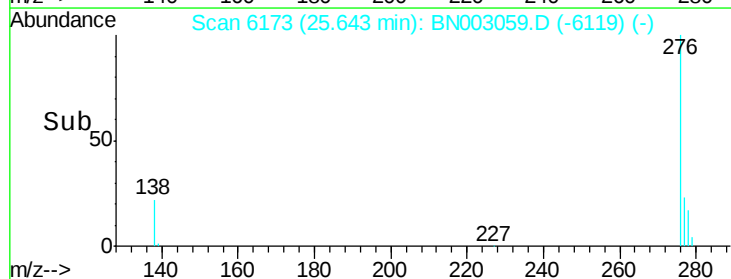
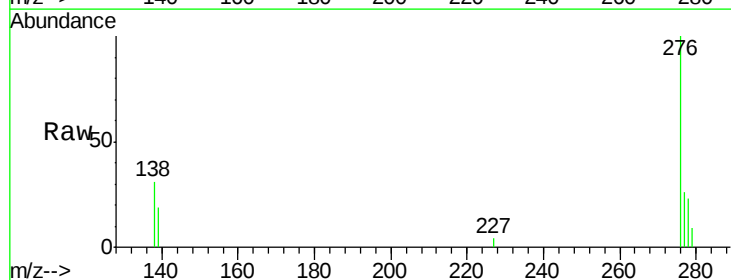
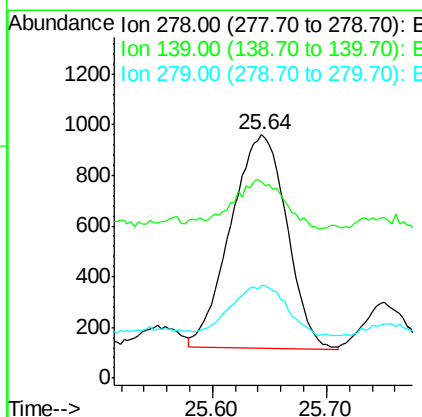
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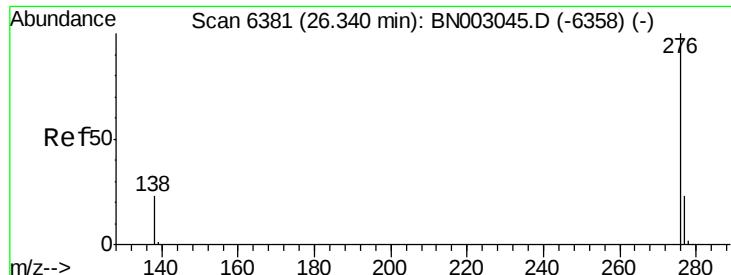
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.131 ng/ul
 RT: 25.64 min Scan# 6173
 Delta R.T. -0.02 min
 Lab File: BN003059.D
 Acq: 10 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	80.4	20.2	30.4
279	37.8	23.8	35.8





#26

Benzo(g,h,i)perylene

Concen: 0.530 ng/ul

RT: 26.32 min Scan# 6375

Delta R.T. -0.02 min

Lab File: BN003059.D

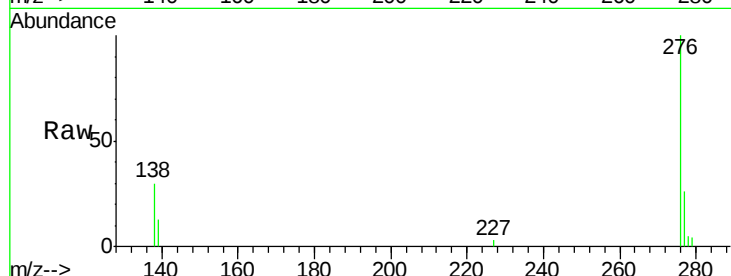
Acq: 10 Oct 2018 10:10

Instrument :

BNA_N

ClientSampleId :

JLC46DL



Tgt Ion: 276 Resp: 12232

Ion Ratio Lower Upper

276 100

138 30.2 23.0 34.4

277 25.8 22.0 33.0

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