

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
 Data File : BN003017.D
 Acq On : 09 Oct 2018 09:00
 Operator : MJ/SJ
 Sample : J5115-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC14

Manual Integrations
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 10/9/2018 5:38:32 PM

Quant Time: Oct 09 10:43:29 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1165	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	5127	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3062	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	7396m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	7468m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	7032	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1970	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	5797m	0.27	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	2138	0.163	ng/ul#	92
5) 2-Methylnaphthalene	12.08	142	834	0.092	ng/ul	97
7) Acenaphthylene	13.98	152	683	0.049	ng/ul#	73
8) Acenaphthene	14.32	153	1957	0.184	ng/ul	98
9) Fluorene	15.32	166	1646	0.135	ng/ul#	97
12) Phenanthrene	17.06	178	9631	0.467	ng/ul	98
15) Fluoranthene	19.09	202	15102m	0.624	ng/ul	
17) Pyrene	19.45	202	18253	0.629	ng/ul	98
18) Benzo(a)anthracene	21.21	228	10429	0.434	ng/ul	97
19) Chrysene	21.26	228	59054	2.420	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	24331m	0.961	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	6683m	0.255	ng/ul	
23) Benzo(a)pyrene	23.34	252	7750	0.341	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.65	276	7385	0.283	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.65	278	2035	0.097	ng/ul#	42
26) Benzo(g,h,i)perylene	26.32	276	7661	0.348	ng/ul	93

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

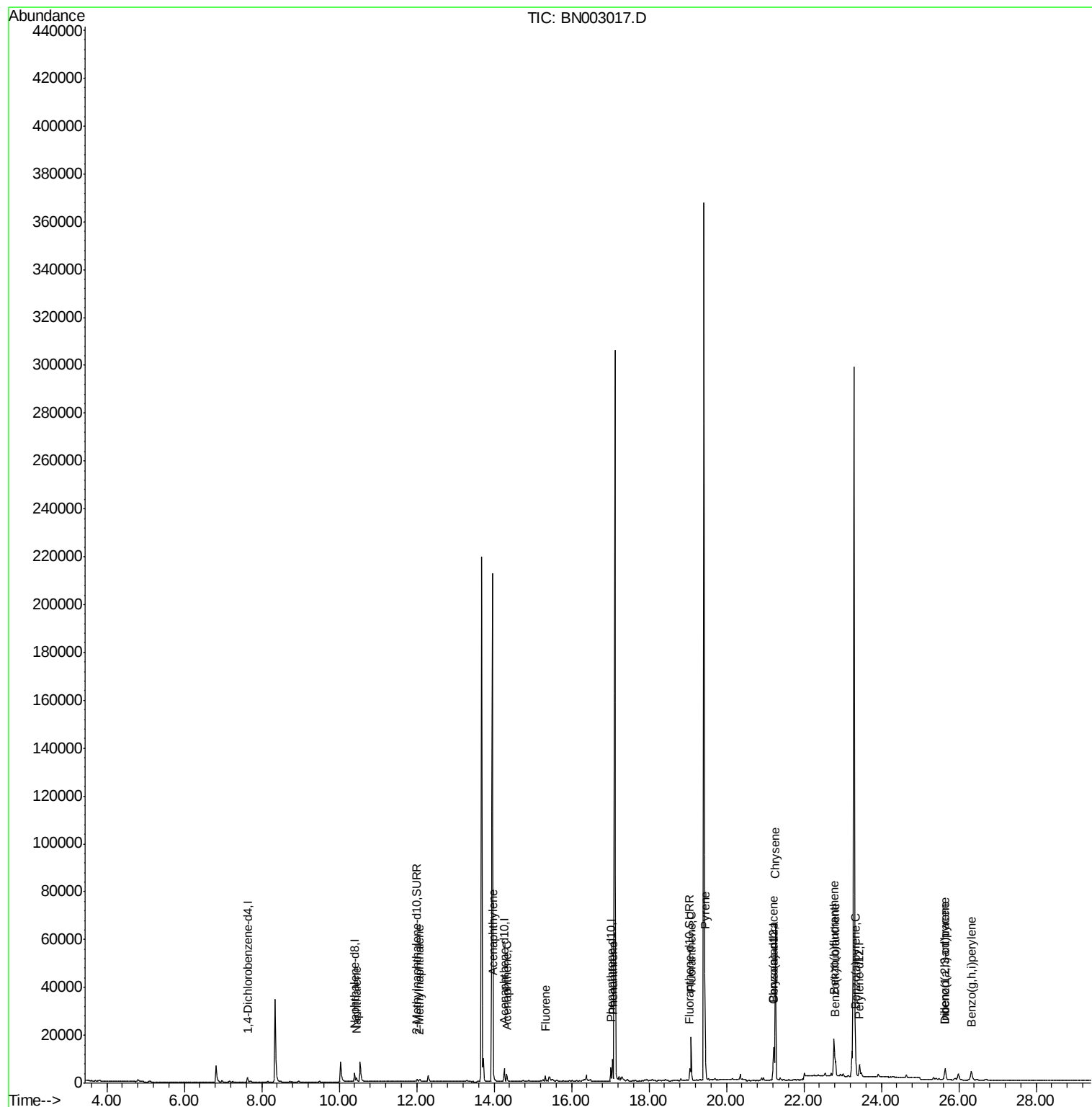
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
Data File : BN003017.D
Acq On : 09 Oct 2018 09:00
Operator : MJ/SJ
Sample : J5115-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

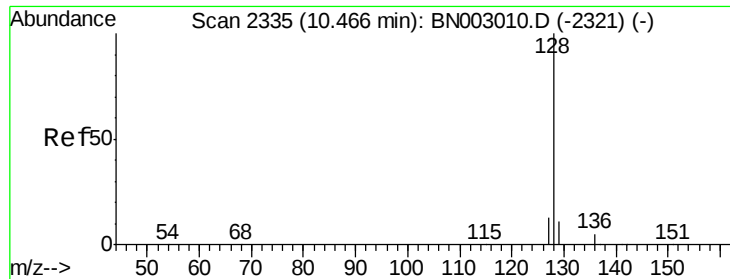
Instrument :
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Quant Time: Oct 09 10:43:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 08:56:18 2018
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#3

Naphthalene

Concen: 0.163 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003017.D

Acq: 09 Oct 2018 09:00

Instrument :

BNA_N

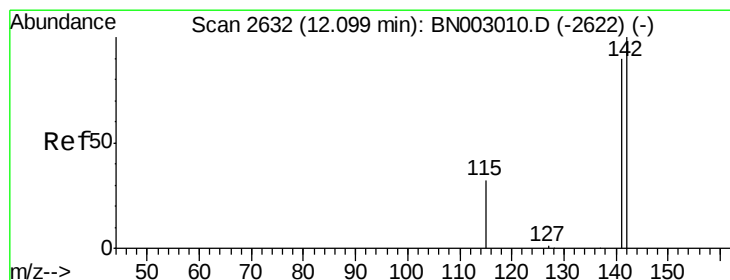
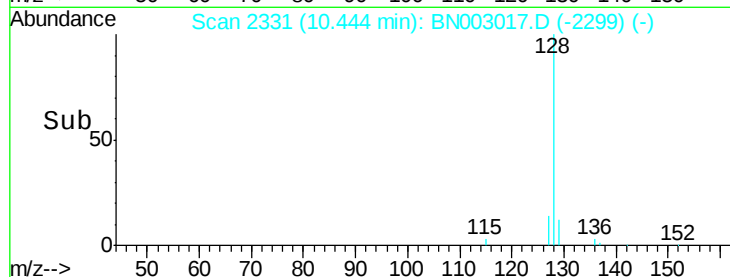
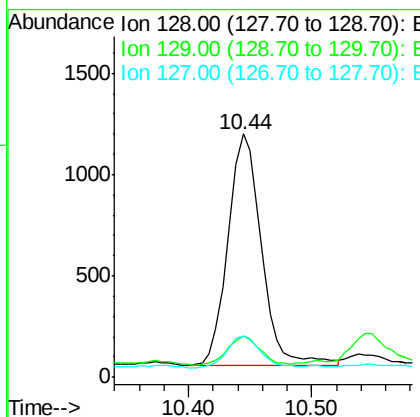
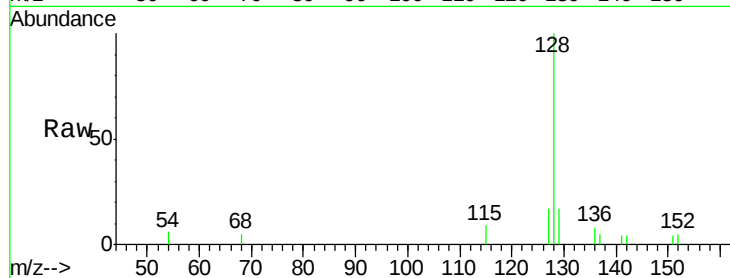
ClientSampleId :

JLC14

Tgt Ion	Ratio	Lower	Upper
128	100		
129	17.2	10.4	15.6#
127	17.2	11.7	17.5

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#5

2-Methylnaphthalene

Concen: 0.092 ng/ul

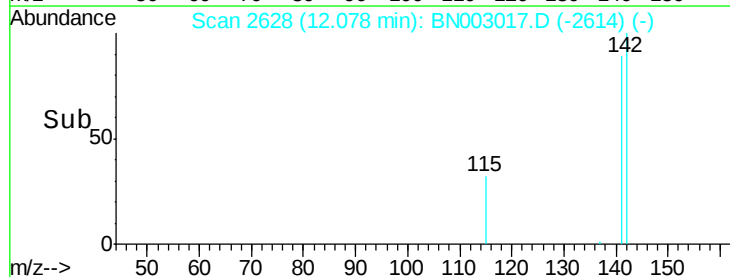
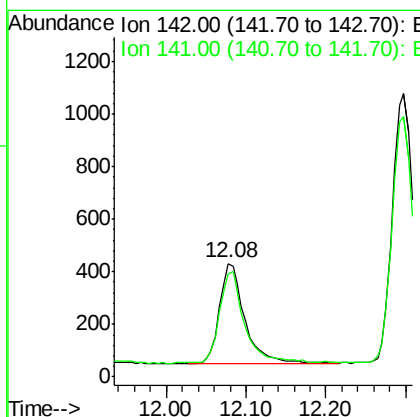
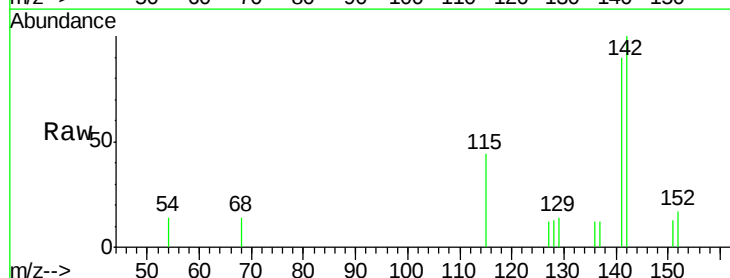
RT: 12.08 min Scan# 2628

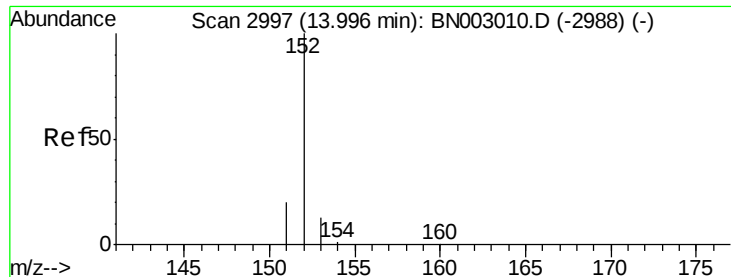
Delta R.T. -0.02 min

Lab File: BN003017.D

Acq: 09 Oct 2018 09:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	73.4	110.0





#7

Acenaphthylene

Concen: 0.049 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003017.D

Acq: 09 Oct 2018 09:00

Instrument :

BNA_N

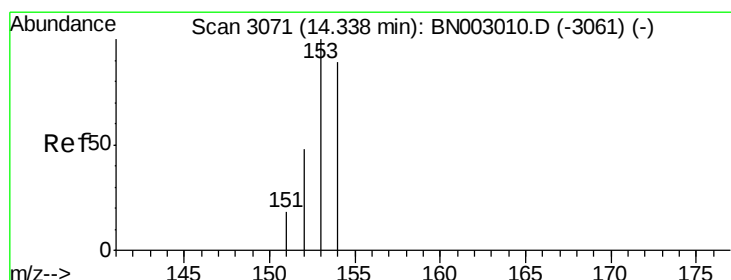
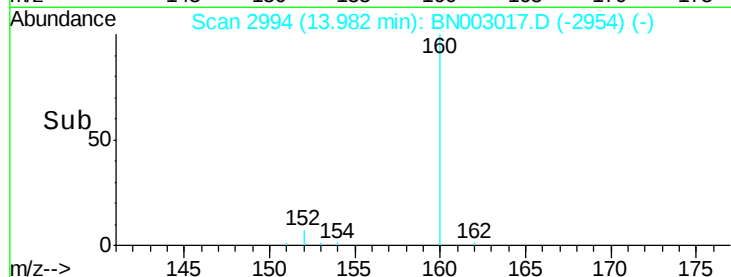
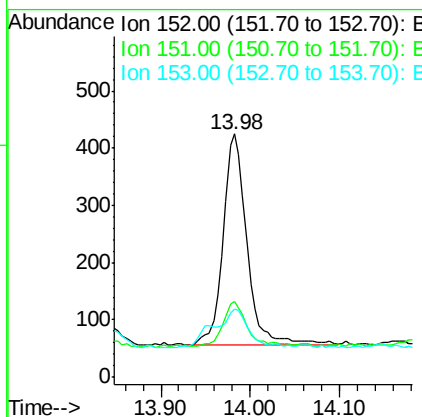
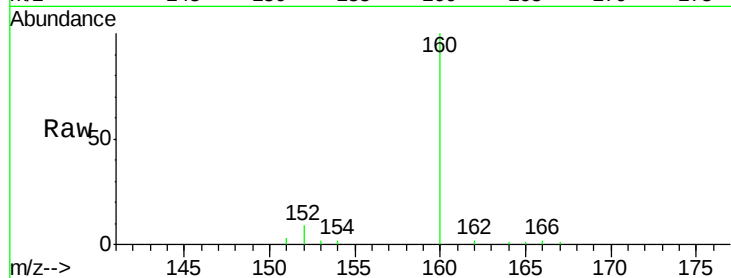
ClientSampled :

JLC14

Tgt Ion:	152	Resp:	683
Ion Ratio	Lower	Upper	
152	100		
151	31.1	16.5	24.7#
153	28.2	11.4	17.2#

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#8

Acenaphthene

Concen: 0.184 ng/ul

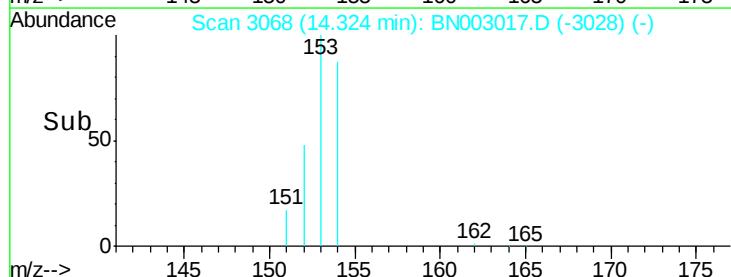
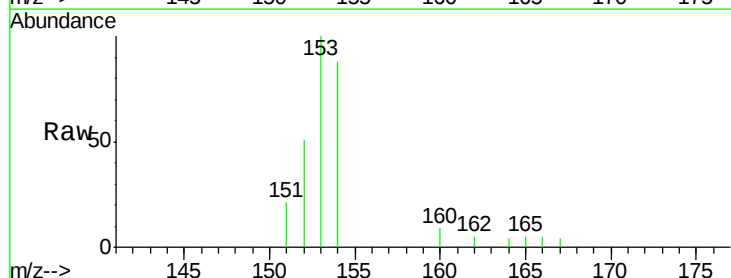
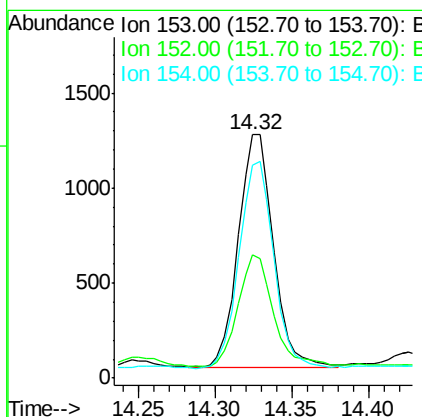
RT: 14.32 min Scan# 3068

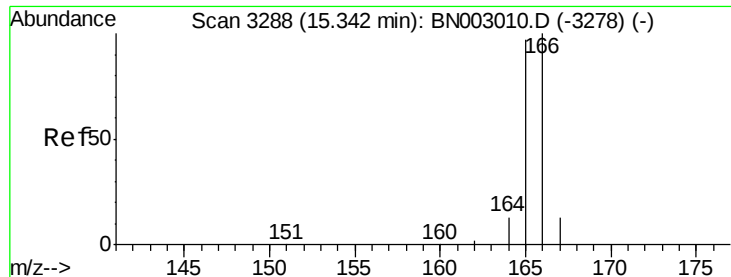
Delta R.T. -0.01 min

Lab File: BN003017.D

Acq: 09 Oct 2018 09:00

Tgt Ion:	153	Resp:	1957
Ion Ratio	Lower	Upper	
153	100		
152	50.7	38.2	57.4
154	87.6	70.2	105.2





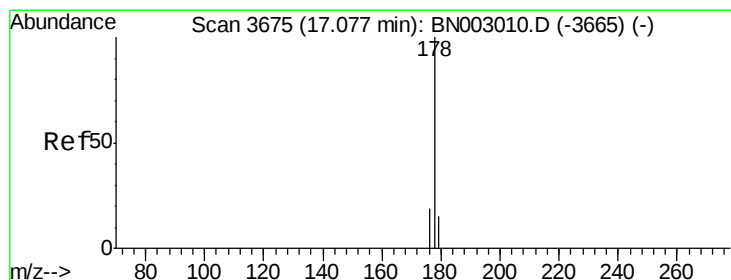
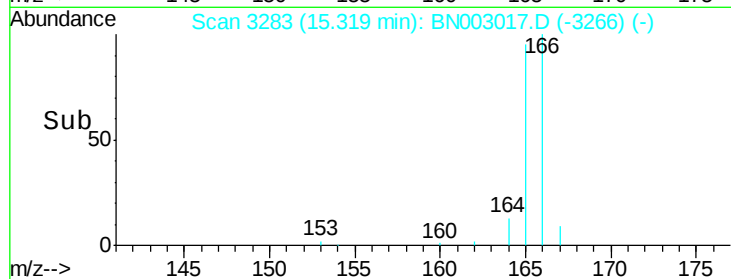
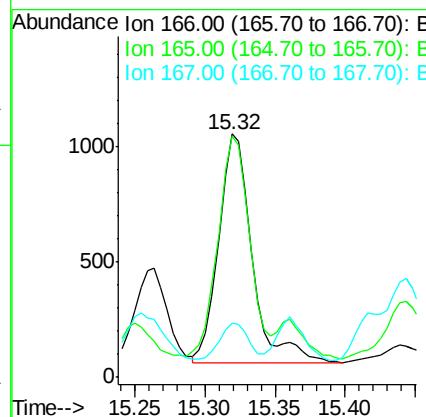
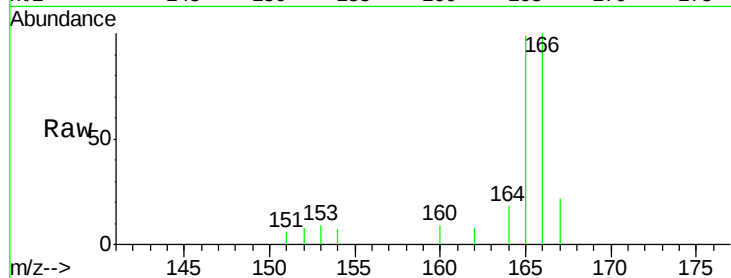
#9
Fluorene
 Concen: 0.135 ng/ul
 RT: 15.32 min Scan# 3283
 Delta R.T. -0.02 min
 Lab File: BN003017.D
 Acq: 09 Oct 2018 09:00

Instrument :
 BNA_N
 ClientSampled :
 JLC14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.5	117.7
167	22.4	11.6	17.4

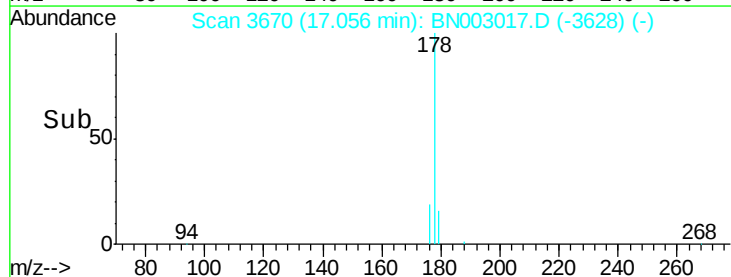
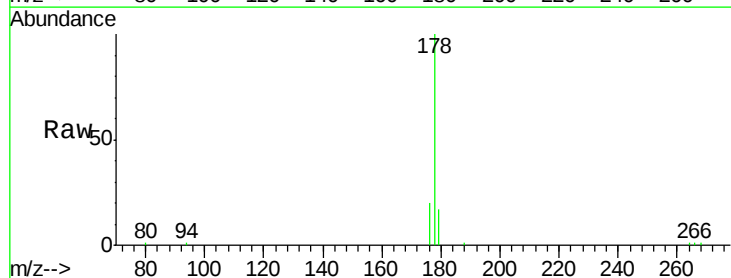
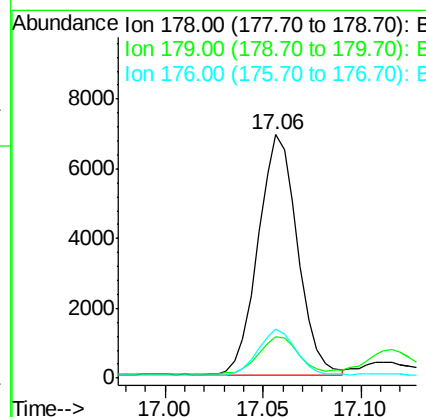
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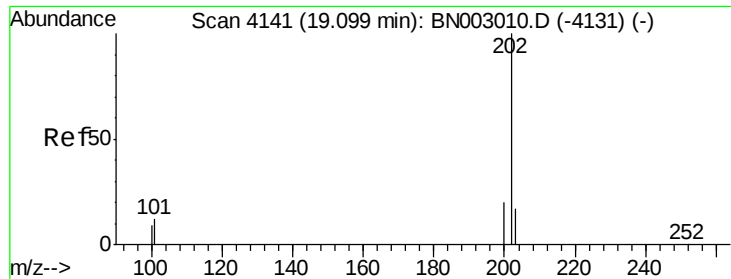
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#12
Phenanthrene
 Concen: 0.467 ng/ul
 RT: 17.06 min Scan# 3670
 Delta R.T. -0.02 min
 Lab File: BN003017.D
 Acq: 09 Oct 2018 09:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.9	19.3
176	19.9	15.4	23.2





#15

Fluoranthene

Concen: 0.624 ng/ul m

RT: 19.09 min Scan# 4138

Delta R.T. -0.01 min

Lab File: BN003017.D

Acq: 09 Oct 2018 09:00

Instrument :

BNA_N

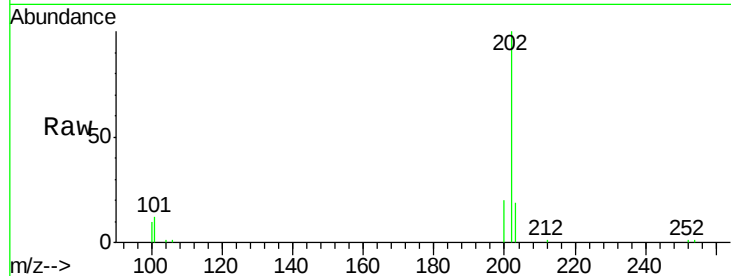
ClientSampleId :

JLC14

Tgt Ion:	202	Resp:	15102
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	32.3
100	9.5	0.0	29.1

Manual Integrations
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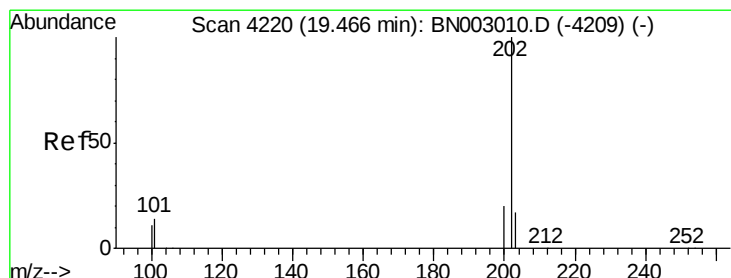
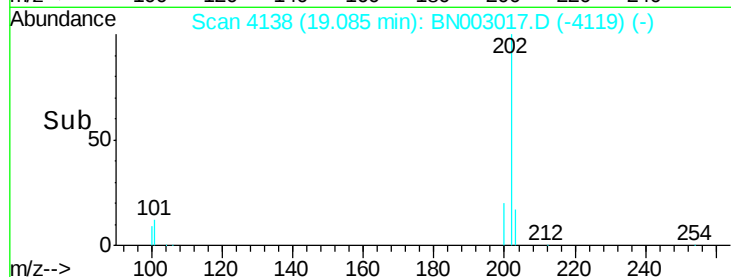
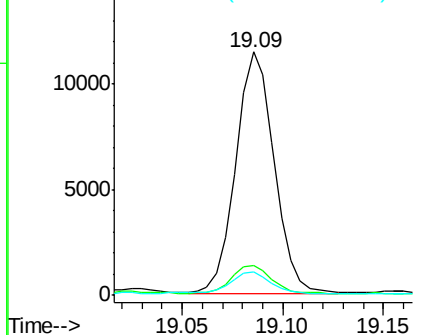
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.629 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.02 min

Lab File: BN003017.D

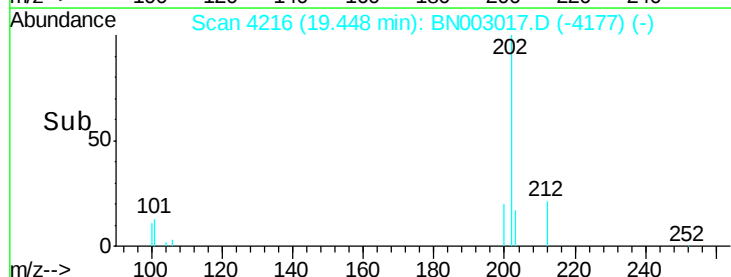
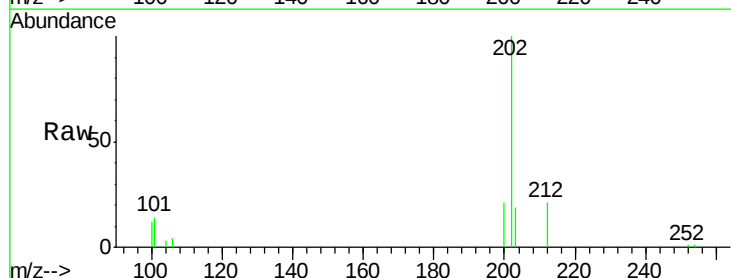
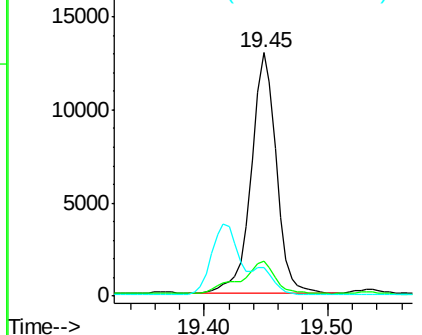
Acq: 09 Oct 2018 09:00

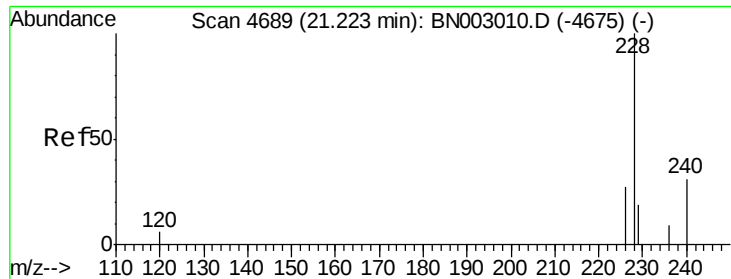
Tgt Ion:	202	Resp:	18253
Ion Ratio	Lower	Upper	
202	100		
101	14.2	11.9	17.9
100	11.8	9.9	14.9

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





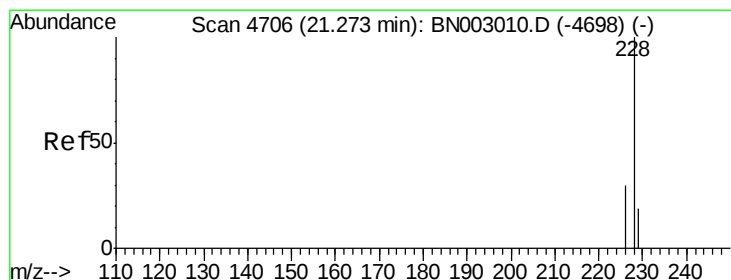
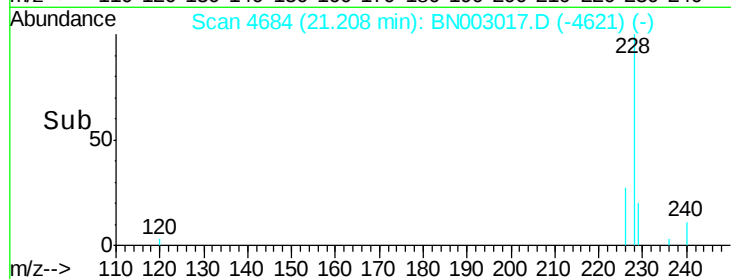
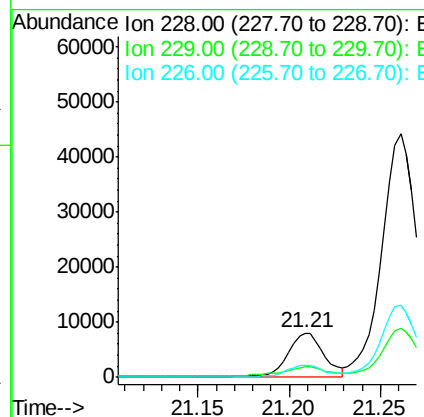
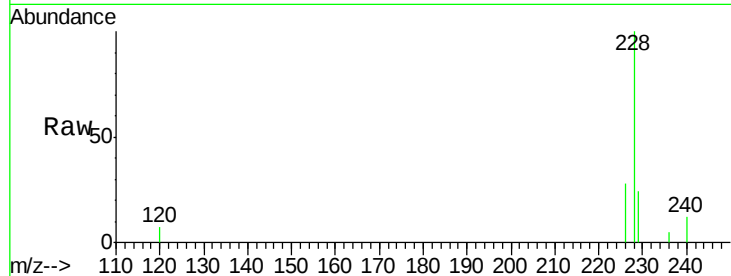
#18
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003017.D
Acq: 09 Oct 2018 09:00

Instrument :
BNA_N
ClientSampled :
JLC14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.5	16.2	24.2
226	28.1	22.3	33.5

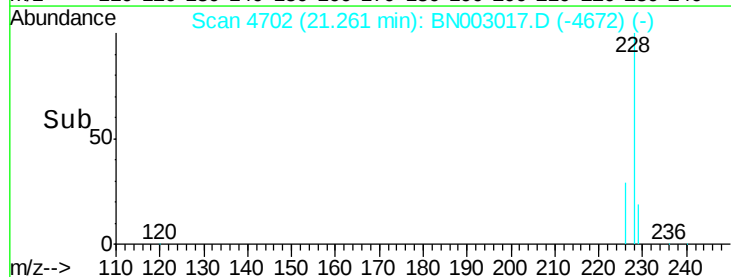
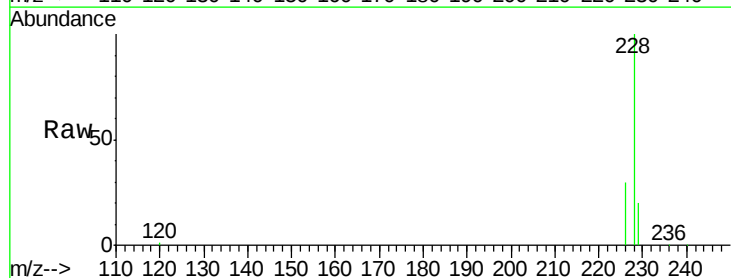
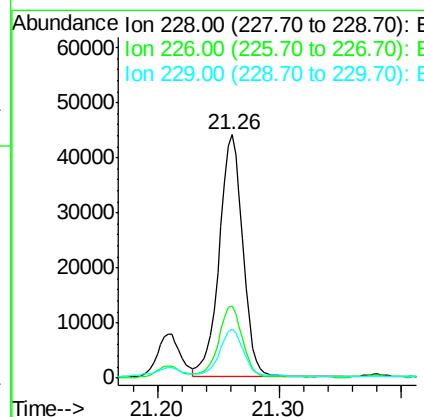
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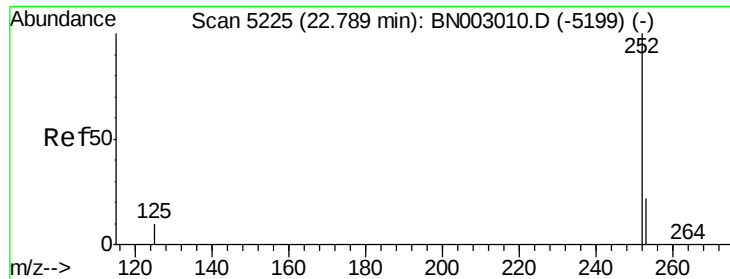
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#19
Chrysene
Concen: 2.420 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN003017.D
Acq: 09 Oct 2018 09:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	20.2	16.7	25.1





#21

Benzo(b)fluoranthene

Concen: 0.961 ng/ul m

RT: 22.78 min Scan# 5222

Delta R.T. -0.01 min

Lab File: BN003017.D

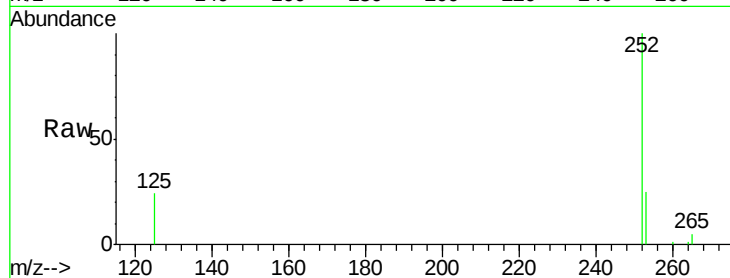
Acq: 09 Oct 2018 09:00

Instrument :

BNA_N

ClientSampleId :

JLC14



Tgt Ion: 252 Resp: 24331

Ion Ratio Lower Upper

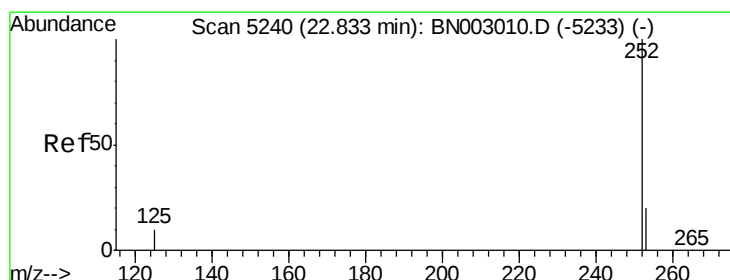
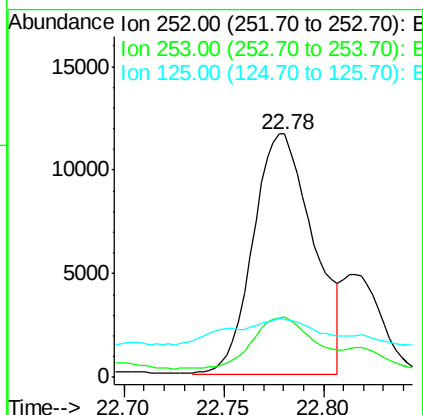
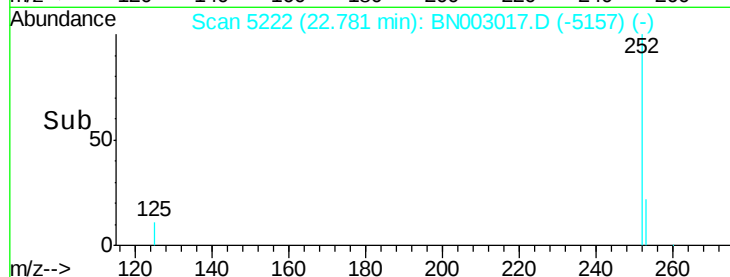
252 100

253 24.8 0.0 53.2

125 23.9 0.0 34.2

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#22

Benzo(k)fluoranthene

Concen: 0.255 ng/ul m

RT: 22.81 min Scan# 5233

Delta R.T. -0.02 min

Lab File: BN003017.D

Acq: 09 Oct 2018 09:00

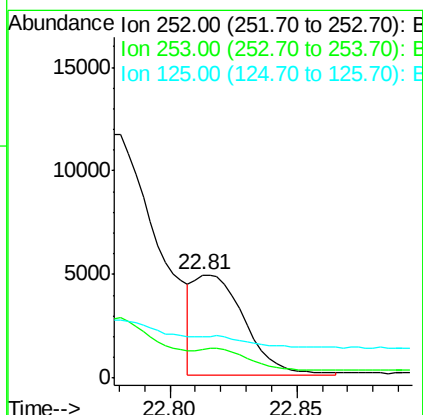
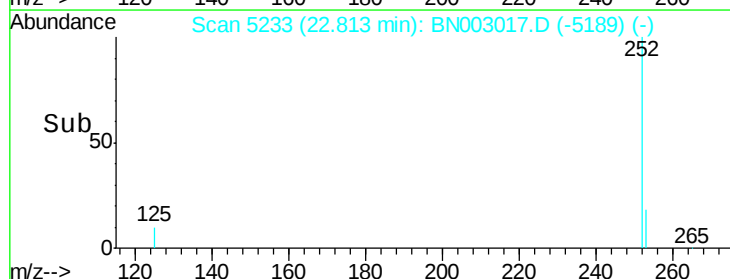
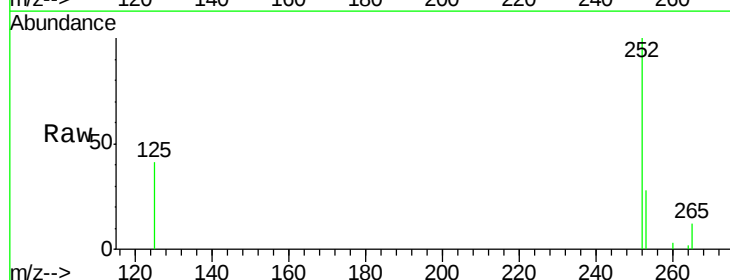
Tgt Ion: 252 Resp: 6683

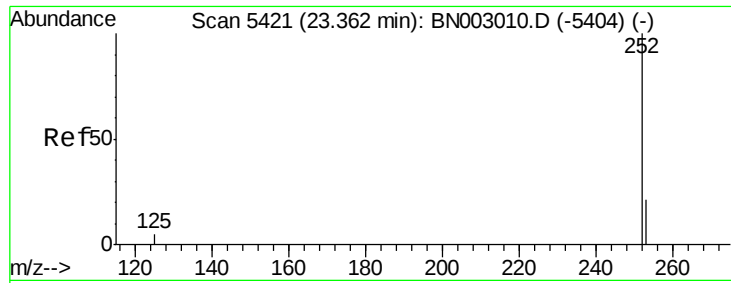
Ion Ratio Lower Upper

252 100

253 28.1 21.3 31.9

125 40.5 14.1 21.1#





#23

Benzo(a)pyrene

Concen: 0.341 ng/u1

RT: 23.34 min Scan# 5412

Delta R.T. -0.03 min

Lab File: BN003017.D

Acq: 09 Oct 2018 09:00

Instrument :

BNA_N

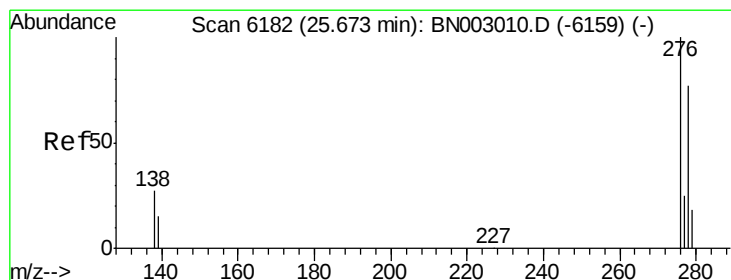
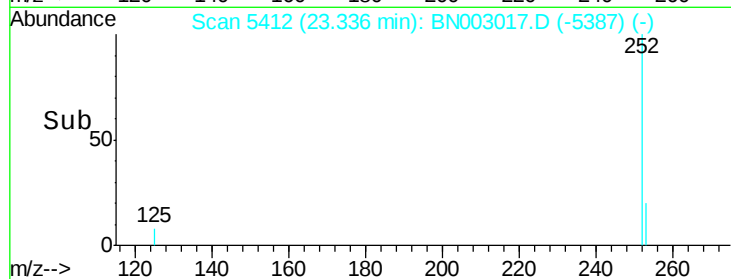
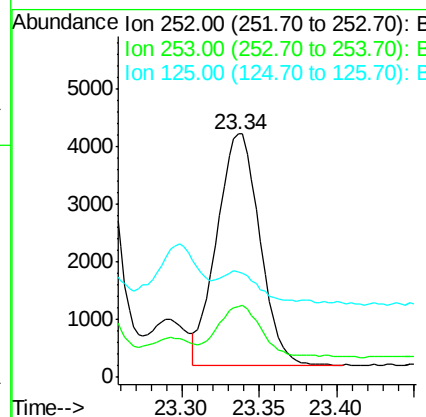
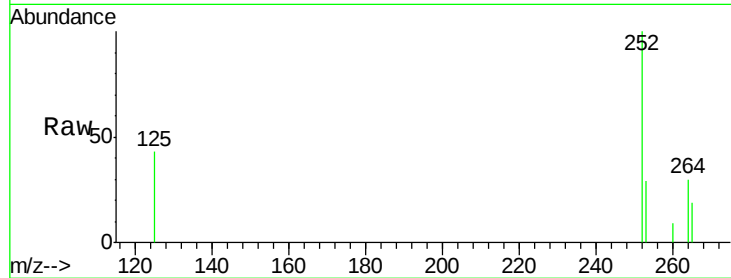
ClientSampleId :

JLC14

Tgt Ion:	252	Resp:	7750
Ion Ratio	Lower	Upper	
252	100		
253	29.1	23.1	34.7
125	43.0	16.9	25.3#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.283 ng/u1

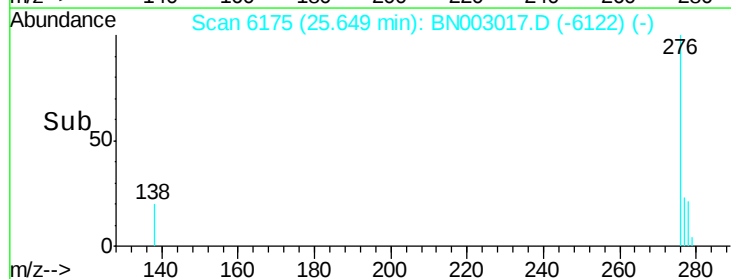
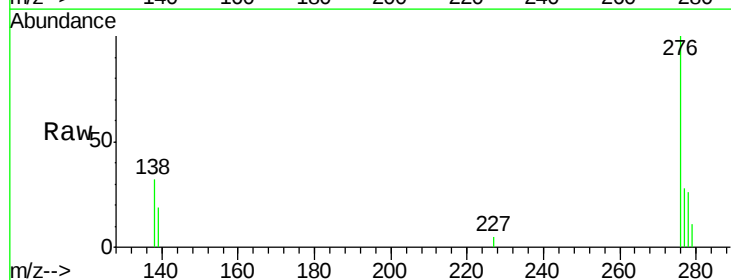
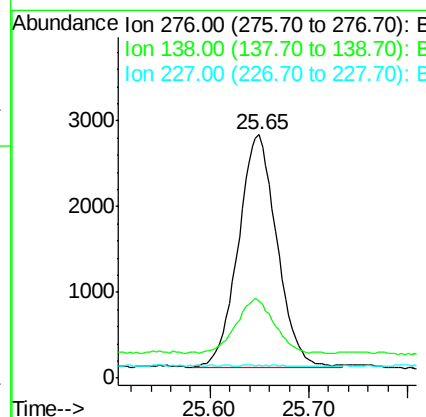
RT: 25.65 min Scan# 6175

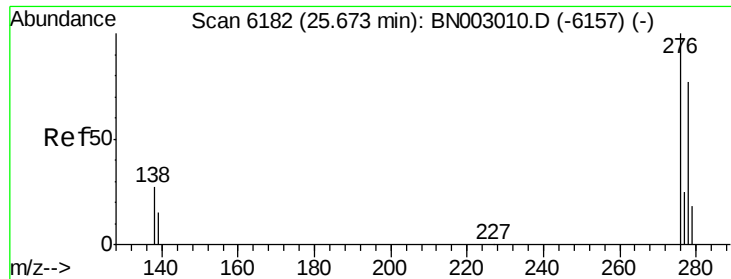
Delta R.T. -0.02 min

Lab File: BN003017.D

Acq: 09 Oct 2018 09:00

Tgt Ion:	276	Resp:	7385
Ion Ratio	Lower	Upper	
276	100		
138	23.9	21.5	32.3
227	0.0	0.3	0.5#





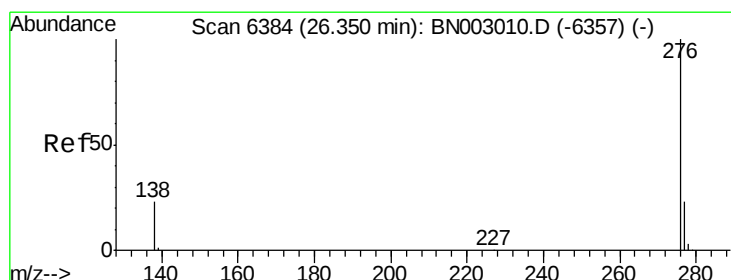
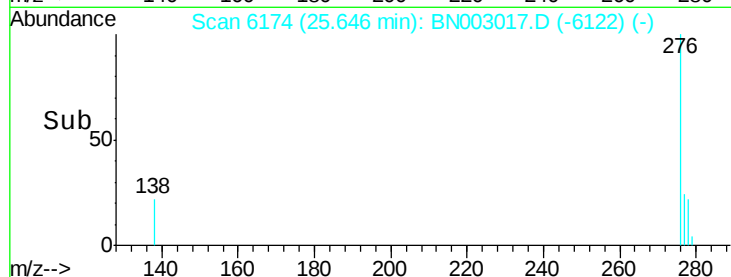
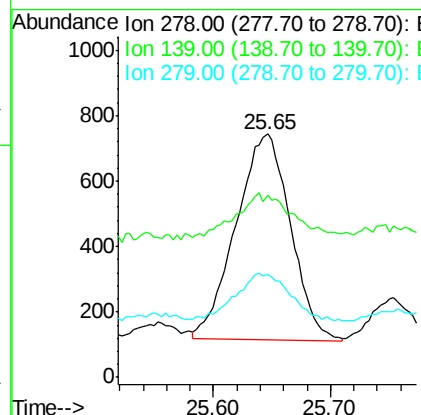
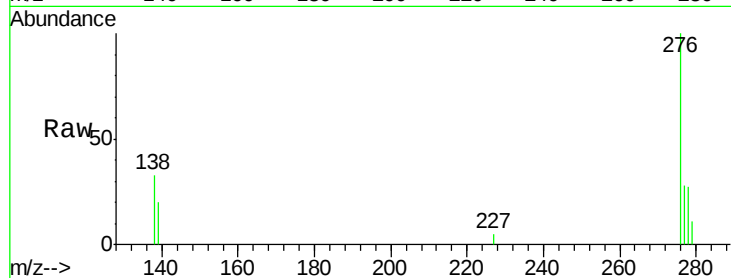
#25
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 25.65 min Scan# 6174
Delta R.T. -0.03 min
Lab File: BN003017.D
Acq: 09 Oct 2018 09:00

Instrument :
BNA_N
ClientSampled :
JLC14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	75.1	20.2	30.4#
279	42.2	23.8	35.8#

Manual Integrations
APPROVED

Sohil
10/9/2018 5:38:32 PM



#26
Benzo(g,h,i)perylene
Concen: 0.348 ng/ul
RT: 26.32 min Scan# 6376
Delta R.T. -0.03 min
Lab File: BN003017.D
Acq: 09 Oct 2018 09:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.5	23.0	34.4
277	30.3	22.0	33.0

