

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
 Data File : BN003055.D
 Acq On : 10 Oct 2018 07:50
 Operator : MJ/SJ
 Sample : J5115-01DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC10DL

Manual Integrations
 APPROVED

Sohil
 10/10/2018 4:58:27 PM

Quant Time: Oct 10 09:25:36 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	2017	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	7752	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3694	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	6749	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	5625	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	5831	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	599	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	986	0.05	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.45	128	1019	0.051	ng/ul#	85
5) 2-Methylnaphthalene	12.09	142	465	0.034	ng/ul	99
7) Acenaphthylene	13.99	152	406	0.024	ng/ul#	61
8) Acenaphthene	14.32	153	1278	0.100	ng/ul	98
9) Fluorene	15.32	166	836	0.057	ng/ul#	95
12) Phenanthrene	17.06	178	11451	0.609	ng/ul	100
13) Anthracene	17.15	178	2371	0.133	ng/ul#	90
15) Fluoranthene	19.09	202	16745	0.759	ng/ul	100
17) Pyrene	19.45	202	16758m	0.767	ng/ul	
18) Benzo(a)anthracene	21.21	228	8345	0.461	ng/ul	96
19) Chrysene	21.26	228	24619	1.339	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	25449m	1.212	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	6084m	0.279	ng/ul	
23) Benzo(a)pyrene	23.34	252	7784	0.414	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.64	276	9529	0.441	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.64	278	2668	0.154	ng/ul#	66
26) Benzo(g,h,i)perylene	26.32	276	11806	0.647	ng/ul	98

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

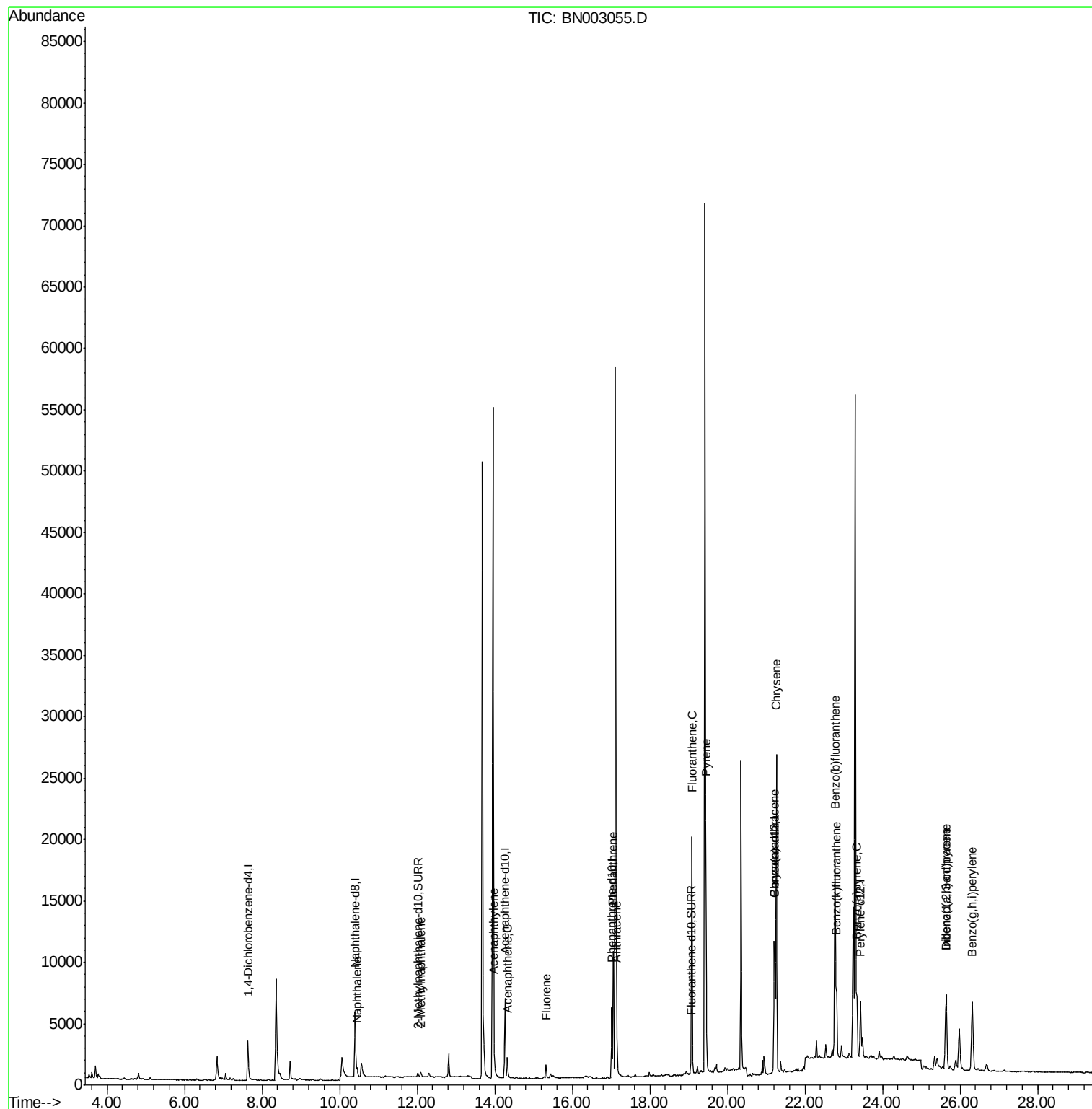
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
Data File : BN003055.D
Acq On : 10 Oct 2018 07:50
Operator : MJ/SJ
Sample : J5115-01DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

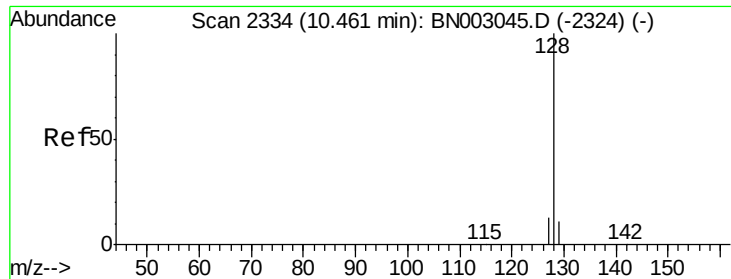
Instrument :
BNA_N
ClientSampleId :
JLC10DL

Manual Integrations
APPROVED

Sohil
10/10/2018 4:58:27 PM

Quant Time: Oct 10 09:25:36 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





#3

Naphthalene

Concen: 0.051 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN003055.D

Acq: 10 Oct 2018 07:50

Instrument :

BNA_N

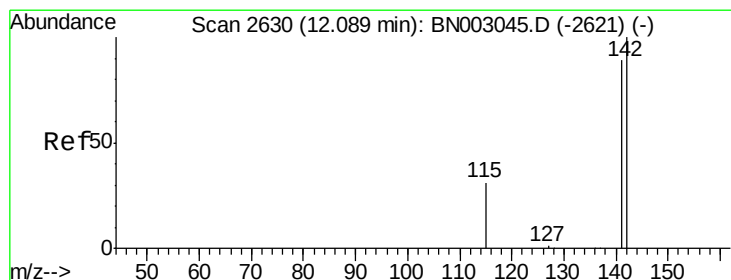
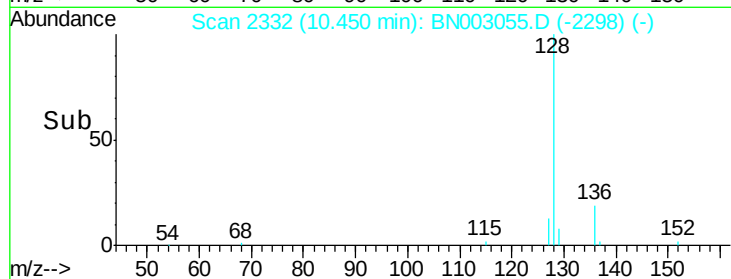
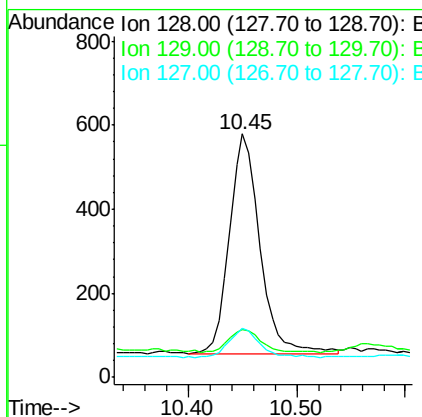
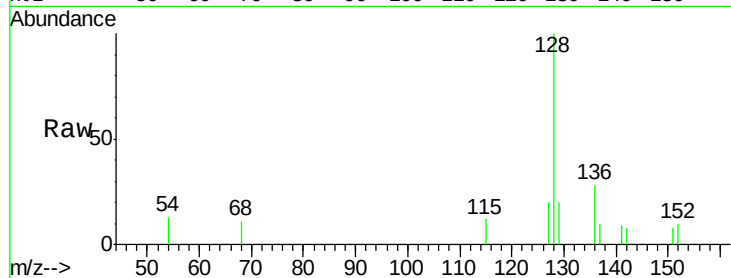
ClientSampleId :

JLC10DL

Tgt Ion:	128	Resp:	1019
Ion Ratio	Lower	Upper	
128	100		
129	19.9	10.4	15.6#
127	20.2	11.7	17.5#

Manual Integrations
APPROVED

Sohil
10/10/2018 4:58:27 PM



#5

2-Methylnaphthalene

Concen: 0.034 ng/ul

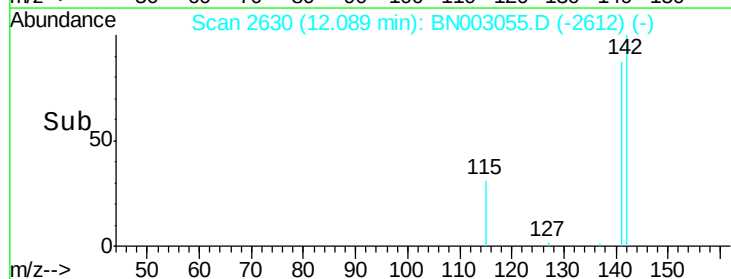
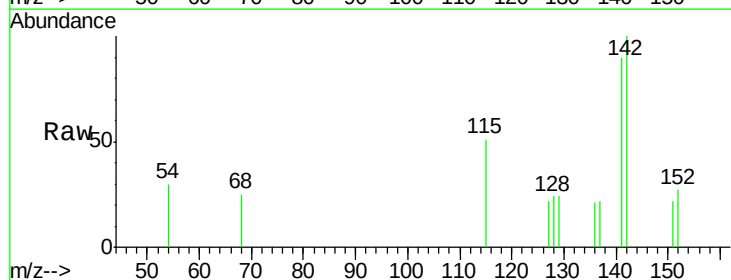
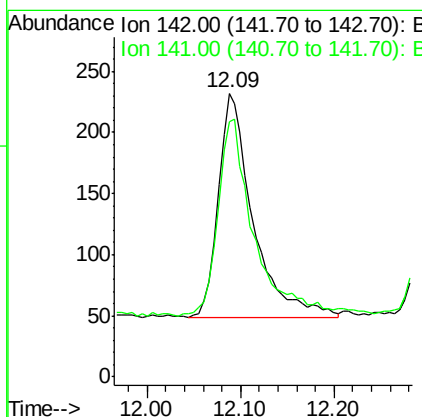
RT: 12.09 min Scan# 2630

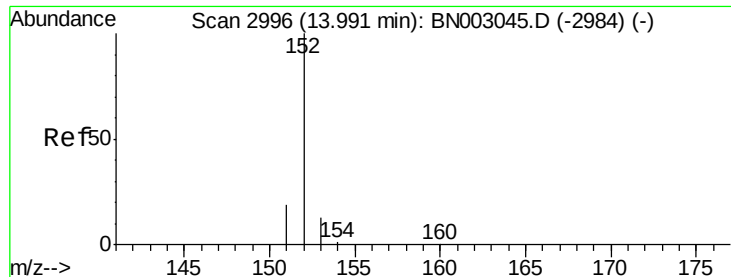
Delta R.T. -0.00 min

Lab File: BN003055.D

Acq: 10 Oct 2018 07:50

Tgt Ion:	142	Resp:	465
Ion Ratio	Lower	Upper	
142	100		
141	93.1	73.4	110.0





#7

Acenaphthylene

Concen: 0.024 ng/ul

RT: 13.99 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BN003055.D

Acq: 10 Oct 2018 07:50

Instrument :

BNA_N

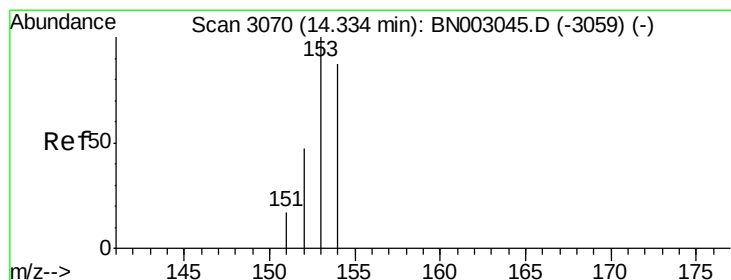
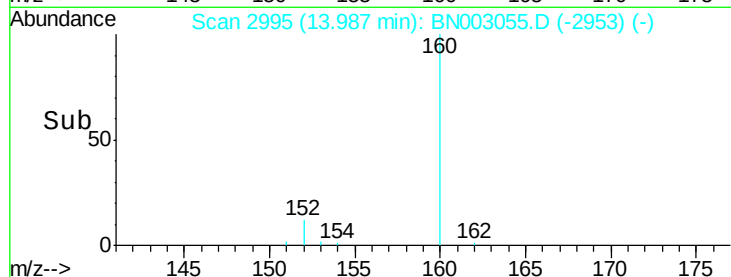
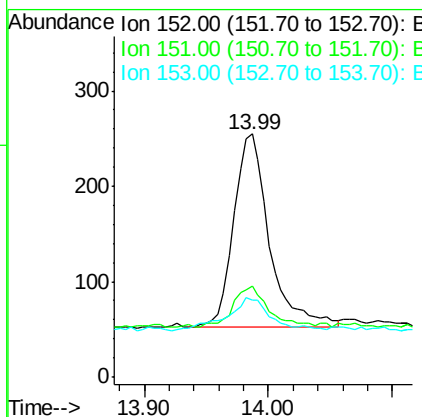
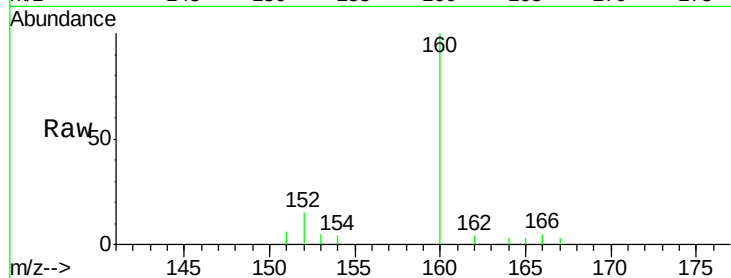
ClientSampleId :

JLC10DL

Tgt Ion:	152	Resp:	406
Ion Ratio	Lower	Upper	
152	100		
151	37.6	16.5	24.7#
153	31.8	11.4	17.2#

Manual Integrations
APPROVED

Sohil
10/10/2018 4:58:27 PM



#8

Acenaphthene

Concen: 0.100 ng/ul

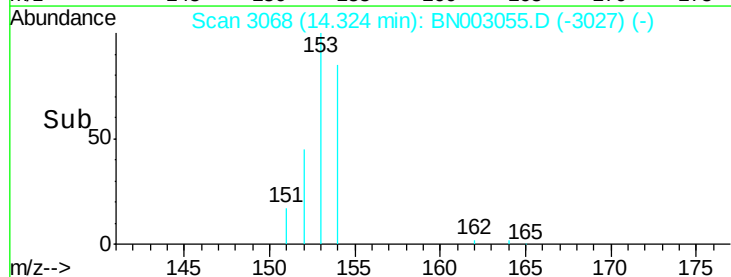
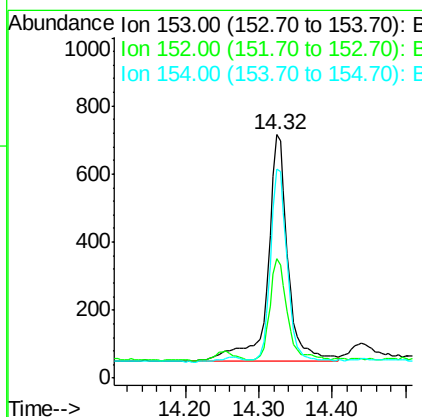
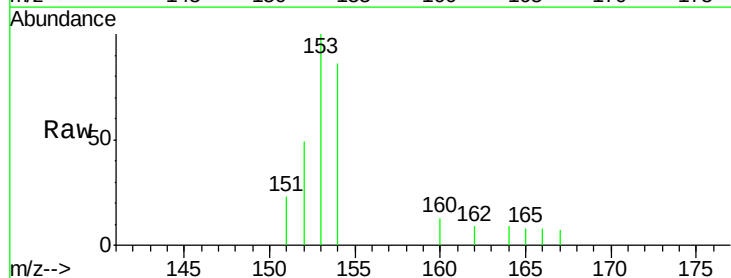
RT: 14.32 min Scan# 3068

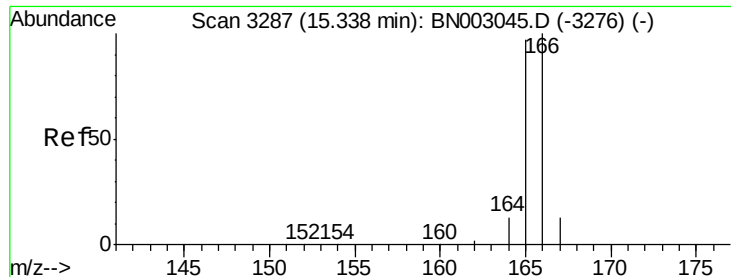
Delta R.T. -0.01 min

Lab File: BN003055.D

Acq: 10 Oct 2018 07:50

Tgt Ion:	153	Resp:	1278
Ion Ratio	Lower	Upper	
153	100		
152	49.2	38.2	57.4
154	85.6	70.2	105.2





#9

Fluorene

Concen: 0.057 ng/ul

RT: 15.32 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN003055.D

Acq: 10 Oct 2018 07:50

Instrument :

BNA_N

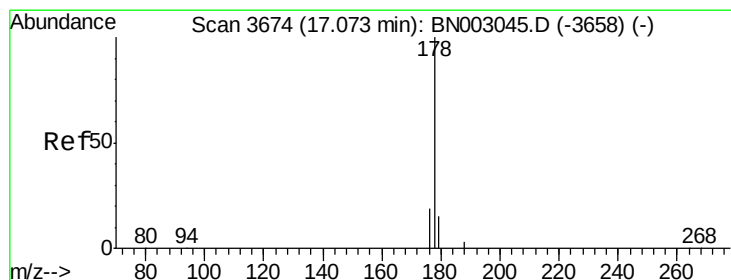
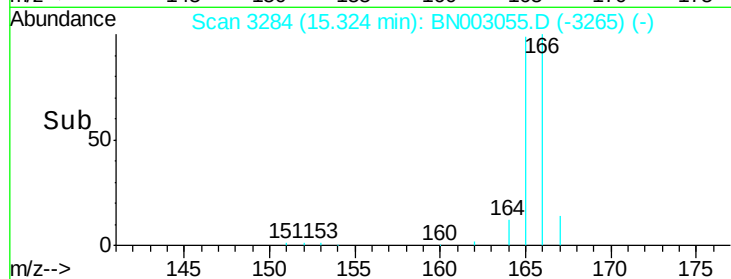
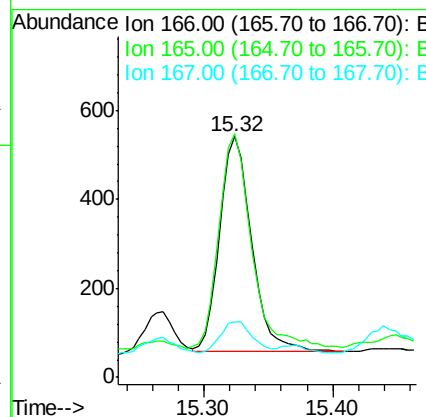
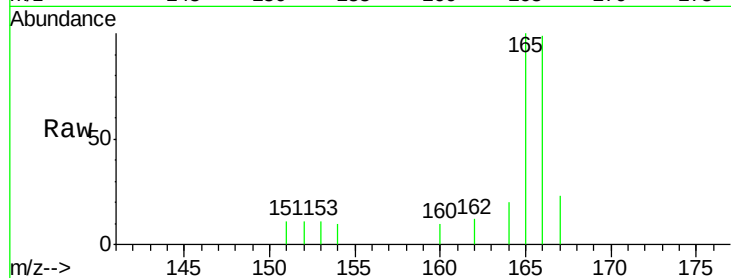
ClientSampleId :

JLC10DL

Tgt Ion:	166	Resp:	836
Ion Ratio	Lower	Upper	
166	100		
165	101.1	78.5	117.7
167	23.1	11.6	17.4#

Manual Integrations
APPROVED

Sohil
10/10/2018 4:58:27 PM



#12

Phenanthrene

Concen: 0.609 ng/ul

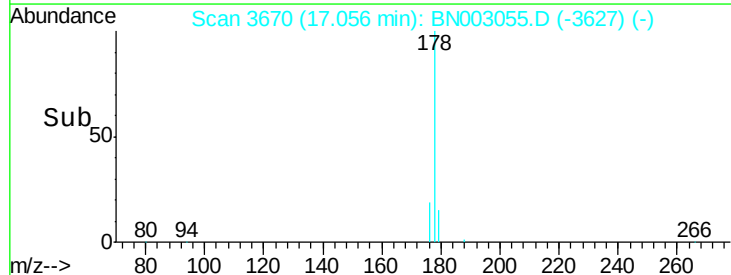
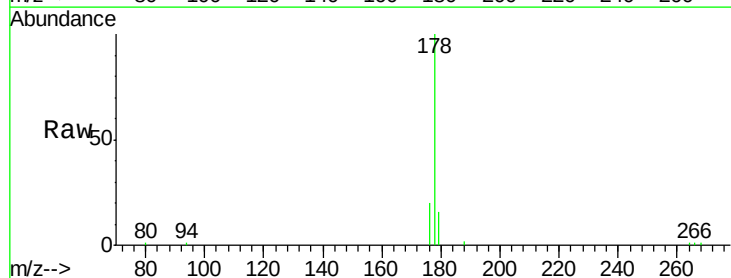
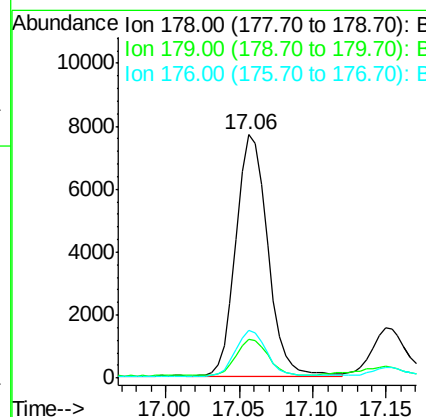
RT: 17.06 min Scan# 3670

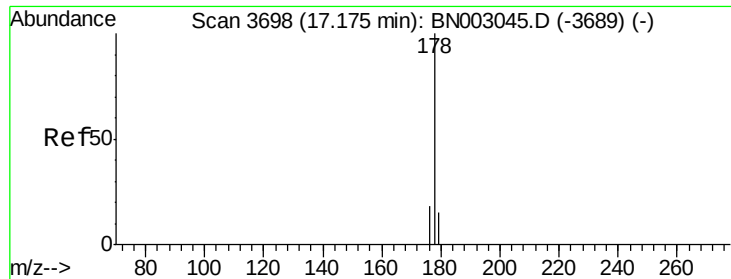
Delta R.T. -0.02 min

Lab File: BN003055.D

Acq: 10 Oct 2018 07:50

Tgt Ion:	178	Resp:	11451
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.9	19.3
176	19.6	15.4	23.2





#13

Anthracene

Concen: 0.133 ng/ul

RT: 17.15 min Scan# 3692

Delta R.T. -0.03 min

Lab File: BN003055.D

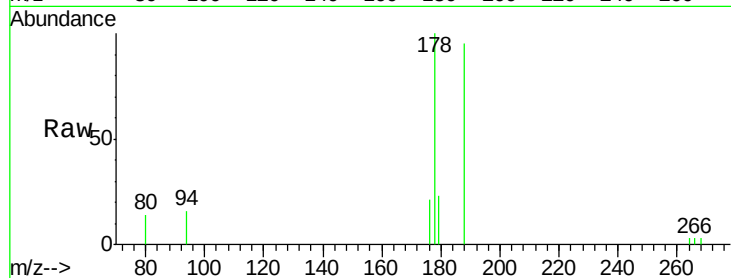
Acq: 10 Oct 2018 07:50

Instrument :

BNA_N

ClientSampled :

JLC10DL



Tgt Ion:178 Resp: 2371

Ion Ratio Lower Upper

178 100

179 22.9 13.0 19.6#

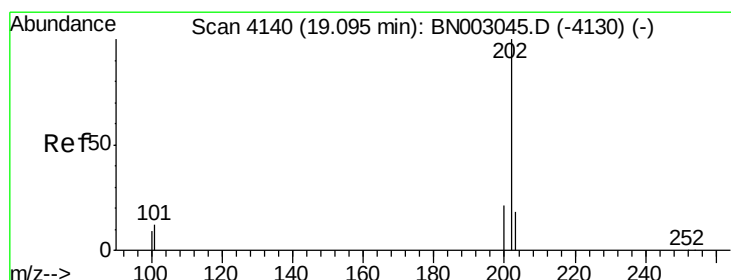
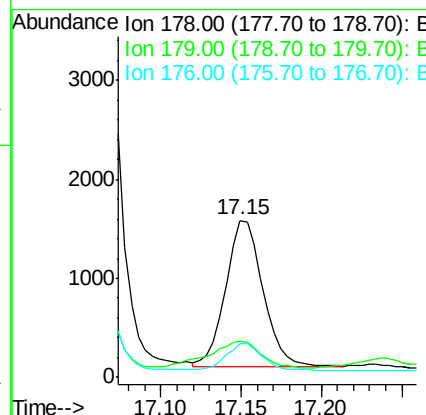
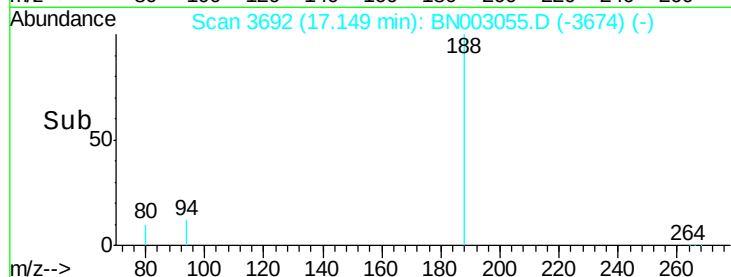
176 21.2 15.3 22.9

Manual Integrations

APPROVED

Sohil

10/10/2018 4:58:27 PM



#15

Fluoranthene

Concen: 0.759 ng/ul

RT: 19.09 min Scan# 4138

Delta R.T. -0.01 min

Lab File: BN003055.D

Acq: 10 Oct 2018 07:50

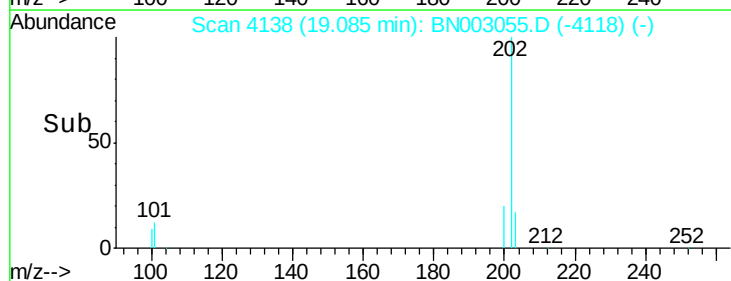
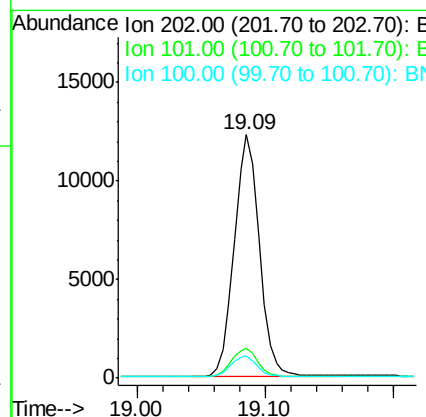
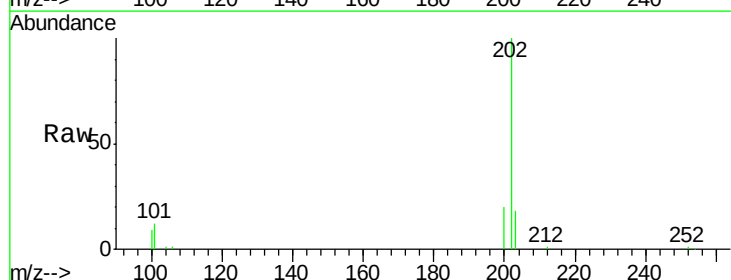
Tgt Ion:202 Resp: 16745

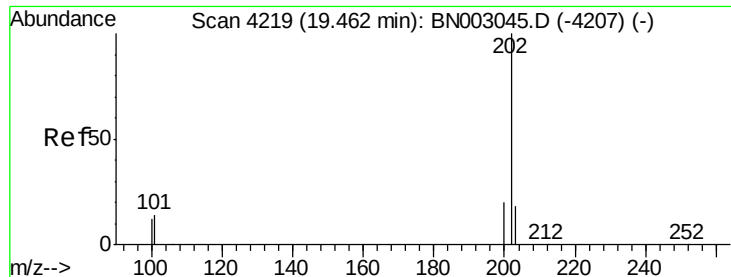
Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.3

100 9.1 0.0 29.1





#17

Pyrene

Concen: 0.767 ng/ul m

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003055.D

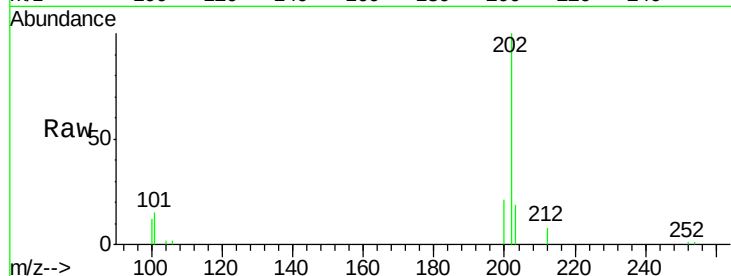
Acq: 10 Oct 2018 07:50

Instrument :

BNA_N

ClientSampleId :

JLC10DL



Tgt Ion:202 Resp: 16758

Ion Ratio Lower Upper

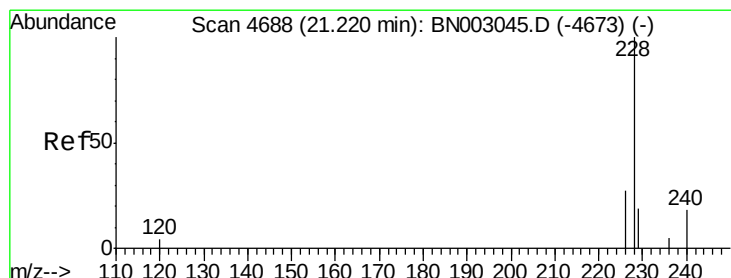
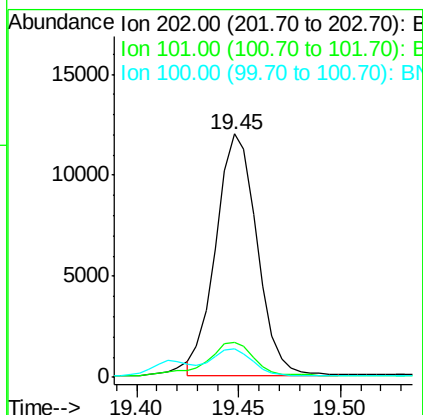
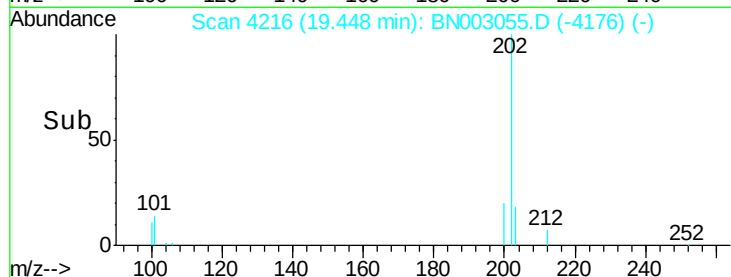
202 100

101 14.5 11.9 17.9

100 11.8 9.9 14.9

Manual Integrations
APPROVED

Sohil
10/10/2018 4:58:27 PM



#18

Benzo(a)anthracene

Concen: 0.461 ng/ul

RT: 21.21 min Scan# 4684

Delta R.T. -0.01 min

Lab File: BN003055.D

Acq: 10 Oct 2018 07:50

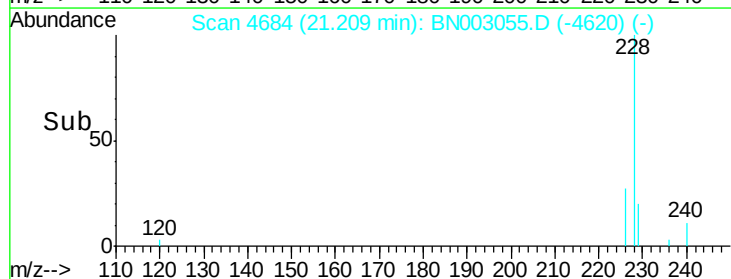
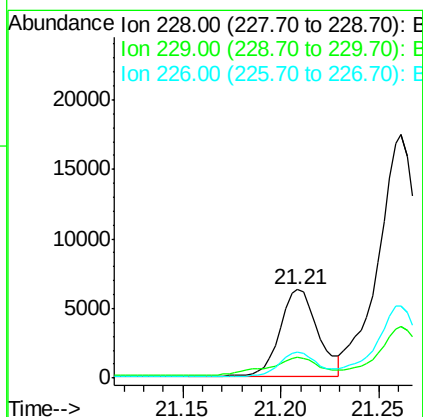
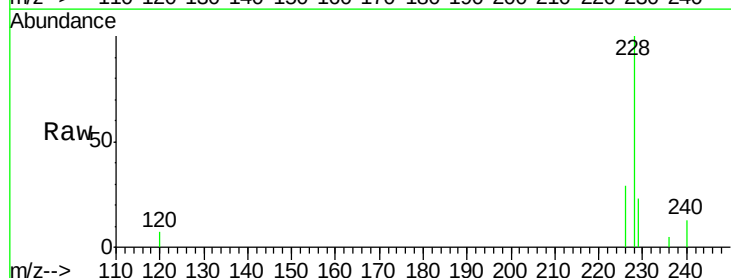
Tgt Ion:228 Resp: 8345

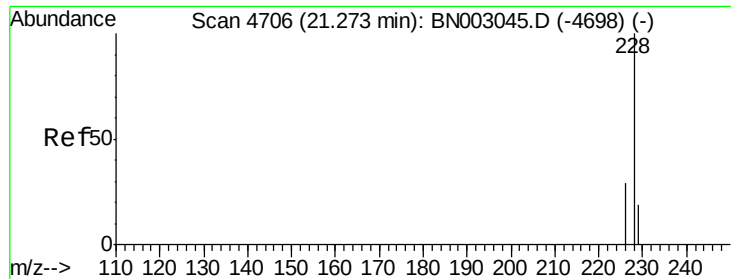
Ion Ratio Lower Upper

228 100

229 23.3 16.2 24.2

226 28.7 22.3 33.5



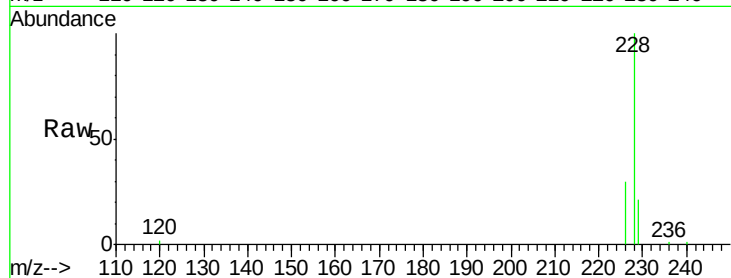


#19

Chrysene

Concen: 1.339 ng/ul
 RT: 21.26 min Scan# 4702
 Delta R.T. -0.01 min
 Lab File: BN003055.D
 Acq: 10 Oct 2018 07:50

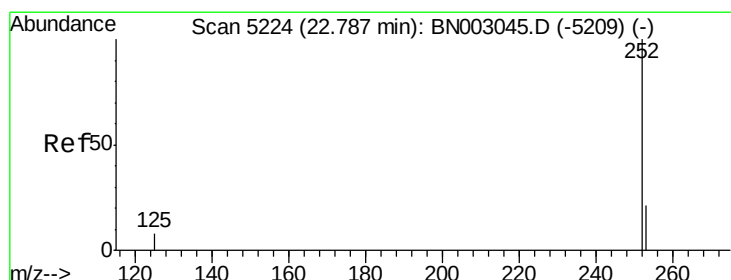
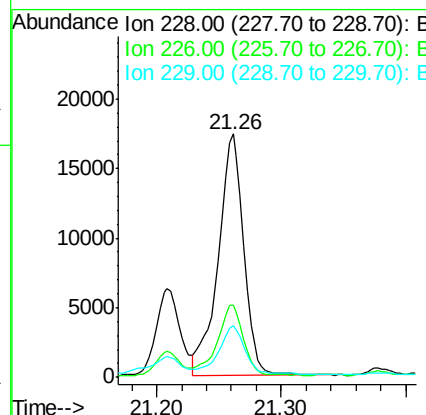
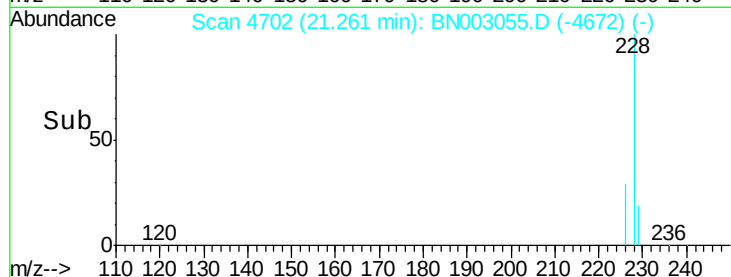
Instrument :
 BNA_N
 ClientSampleId :
 JLC10DL



Tgt Ion: 228 Resp: 24619
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.2 36.4
 229 21.0 16.7 25.1

Manual Integrations
 APPROVED

Sohil
 10/10/2018 4:58:27 PM

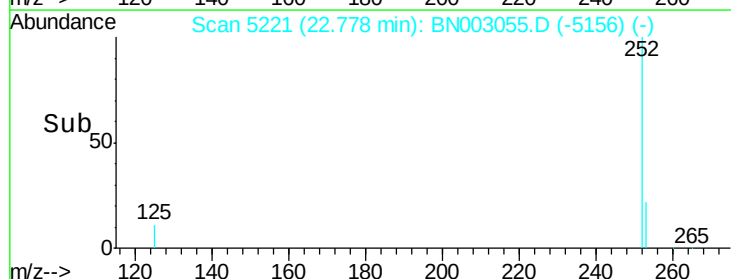
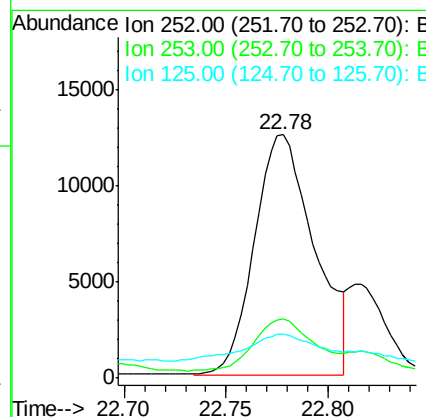
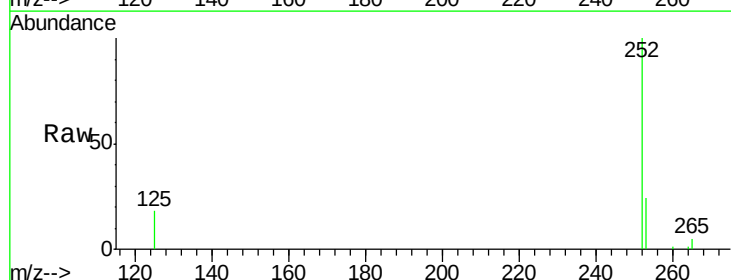


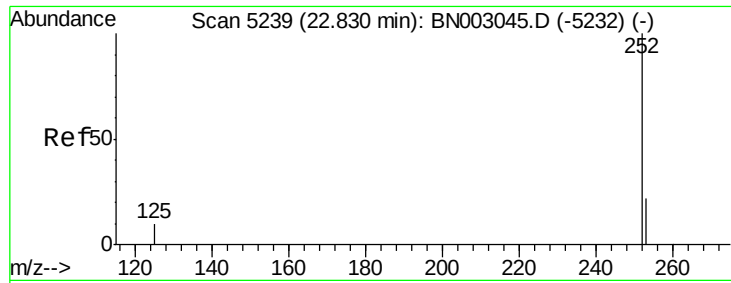
#21

Benzo(b)fluoranthene

Concen: 1.212 ng/ul m
 RT: 22.78 min Scan# 5221
 Delta R.T. -0.01 min
 Lab File: BN003055.D
 Acq: 10 Oct 2018 07:50

Tgt Ion: 252 Resp: 25449
 Ion Ratio Lower Upper
 252 100
 253 24.4 0.0 53.2
 125 18.0 0.0 34.2





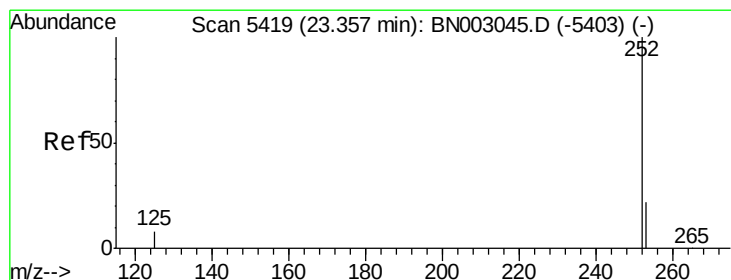
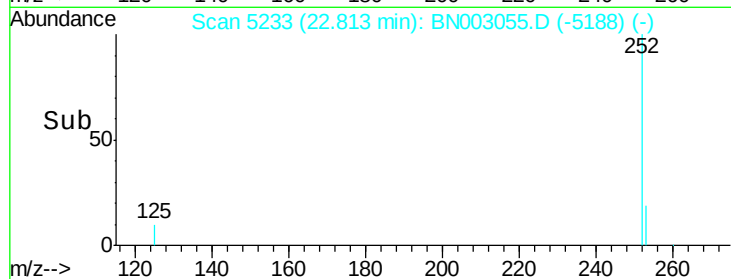
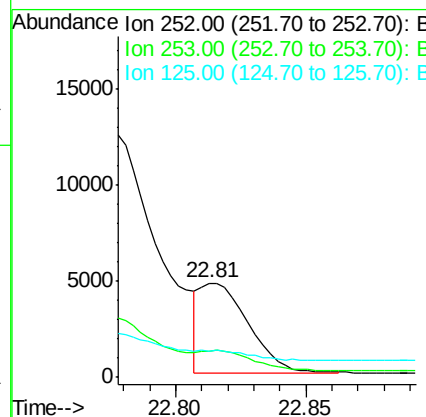
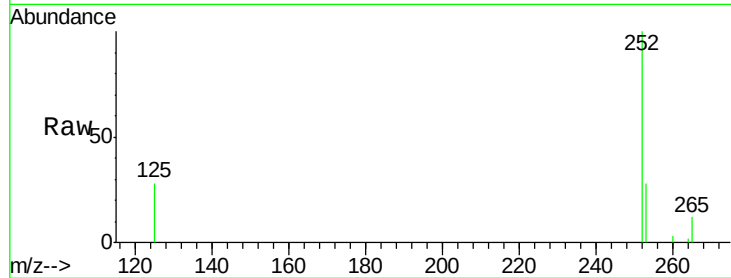
#22
Benzo(k)fluoranthene
Concen: 0.279 ng/ul m
RT: 22.81 min Scan# 5233
Delta R.T. -0.02 min
Lab File: BN003055.D
Acq: 10 Oct 2018 07:50

Instrument :
BNA_N
ClientSampleId :
JLC10DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	21.3	31.9
125	28.3	14.1	21.1

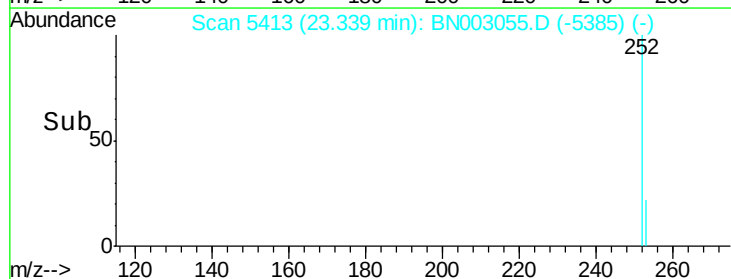
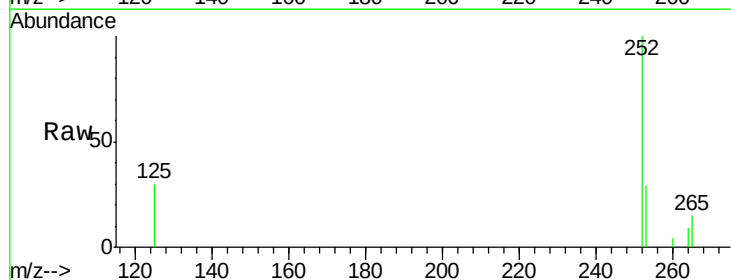
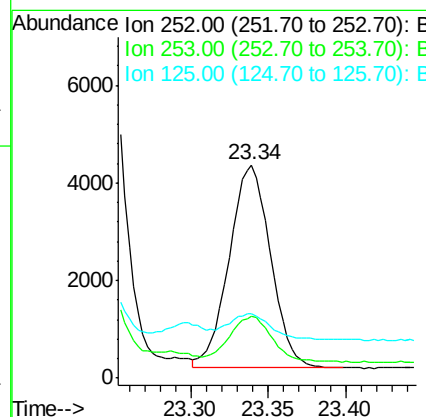
Manual Integrations
APPROVED

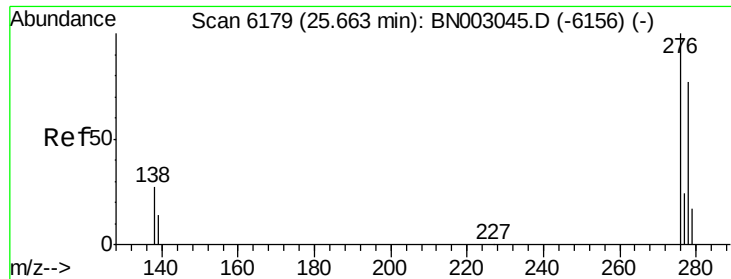
Sohil
10/10/2018 4:58:27 PM



#23
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 23.34 min Scan# 5413
Delta R.T. -0.02 min
Lab File: BN003055.D
Acq: 10 Oct 2018 07:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.2	23.1	34.7
125	30.3	16.9	25.3





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.441 ng/ul

RT: 25.64 min Scan# 6173

Delta R.T. -0.02 min

Lab File: BN003055.D

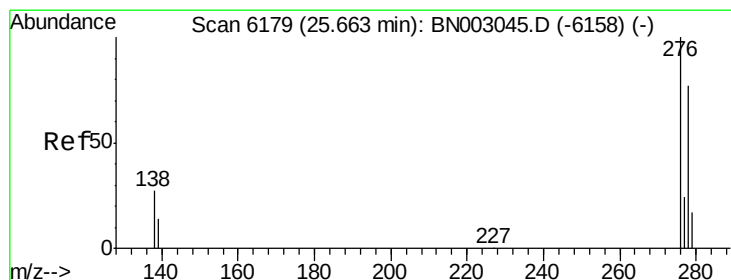
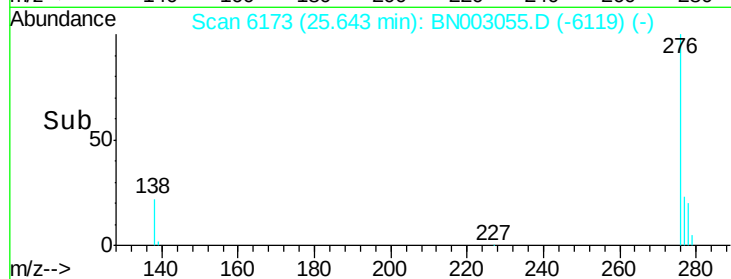
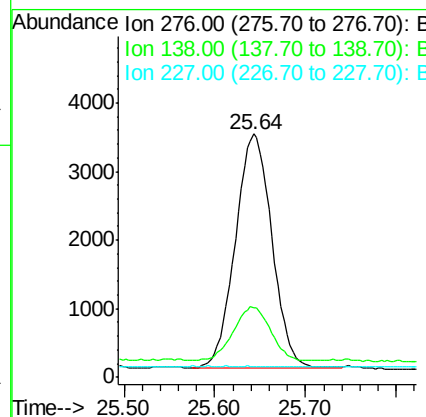
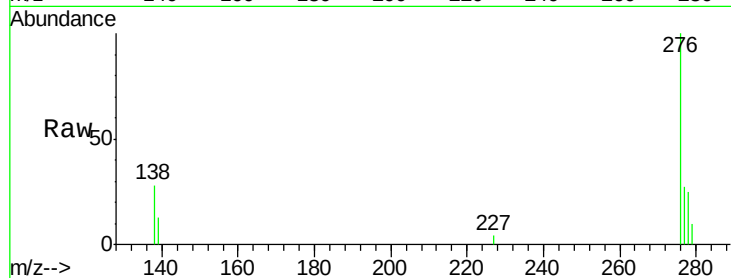
Acq: 10 Oct 2018 07:50

Instrument :
BNA_N
ClientSampleId :
JLC10DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	21.5	32.3
227	0.1	0.3	0.5

Manual Integrations
APPROVED

Sohil
10/10/2018 4:58:27 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.154 ng/ul

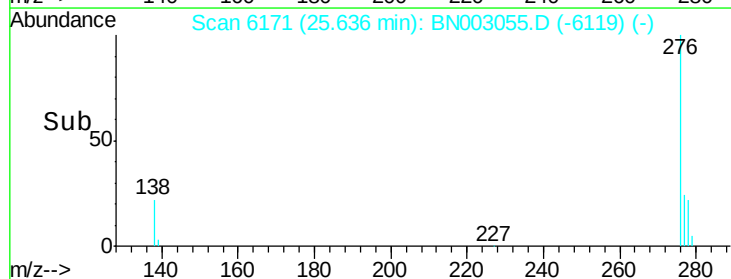
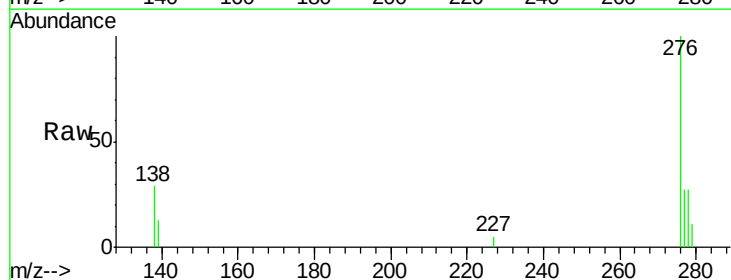
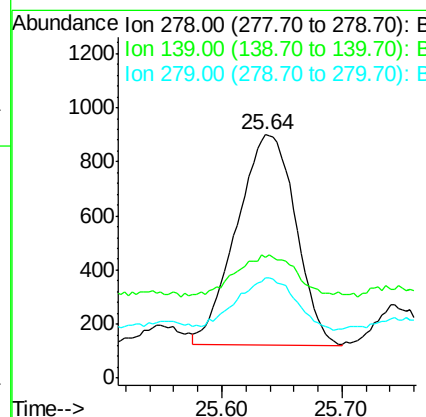
RT: 25.64 min Scan# 6171

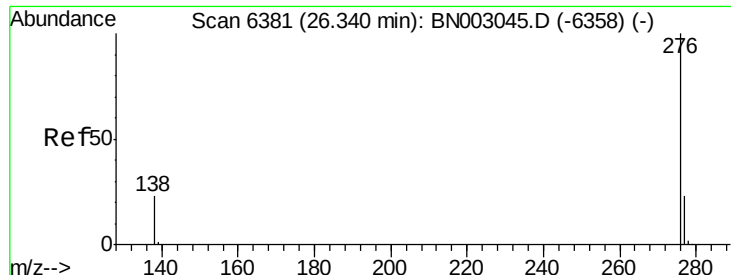
Delta R.T. -0.03 min

Lab File: BN003055.D

Acq: 10 Oct 2018 07:50

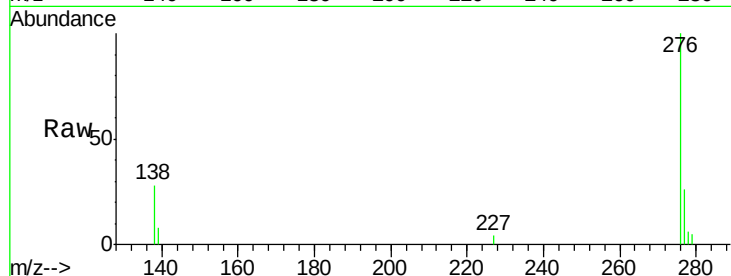
Tgt Ion	Ratio	Lower	Upper
278	100		
139	49.7	20.2	30.4
279	41.3	23.8	35.8





#26
 Benzo(g,h,i)perylene
 Concen: 0.647 ng/ul
 RT: 26.32 min Scan# 6374
 Delta R.T. -0.02 min
 Lab File: BN003055.D
 Acq: 10 Oct 2018 07:50

Instrument :
 BNA_N
 ClientSampleId :
 JLC10DL



Tgt Ion:	276	Resp:	11806
Ion Ratio	Lower	Upper	
276	100		
138	28.1	23.0	34.4
277	26.0	22.0	33.0

Manual Integrations
 APPROVED

Sohil
 10/10/2018 4:58:27 PM

