

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
 Data File : BN003023.D
 Acq On : 09 Oct 2018 13:05
 Operator : MJ/SJ
 Sample : J5116-10DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC59DL

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:37 PM

Quant Time: Oct 09 14:45:08 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	1431	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	6070	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3483	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	8078	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	7749	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	6028	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	823	0.09	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	2242	0.10	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.45	128	9585	0.615	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	6409	0.598	ng/ul	97
7) Acenaphthylene	13.99	152	1835	0.115	ng/ul#	80
8) Acenaphthene	14.33	153	5233	0.433	ng/ul	99
9) Fluorene	15.32	166	5657	0.408	ng/ul#	98
12) Phenanthrene	17.06	178	62593	2.780	ng/ul	99
13) Anthracene	17.15	178	9369	0.440	ng/ul	97
15) Fluoranthene	19.09	202	91572	3.466	ng/ul	99
17) Pyrene	19.45	202	88922	2.955	ng/ul	95
18) Benzo(a)anthracene	21.21	228	43512	1.745	ng/ul	98
19) Chrysene	21.26	228	70516	2.785	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	72808m	3.354	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	23138m	1.028	ng/ul	
23) Benzo(a)pyrene	23.34	252	36787	1.891	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.65	276	26747	1.196	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	6664	0.372	ng/ul#	43
26) Benzo(g,h,i)perylene	26.32	276	24064	1.276	ng/ul	96

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

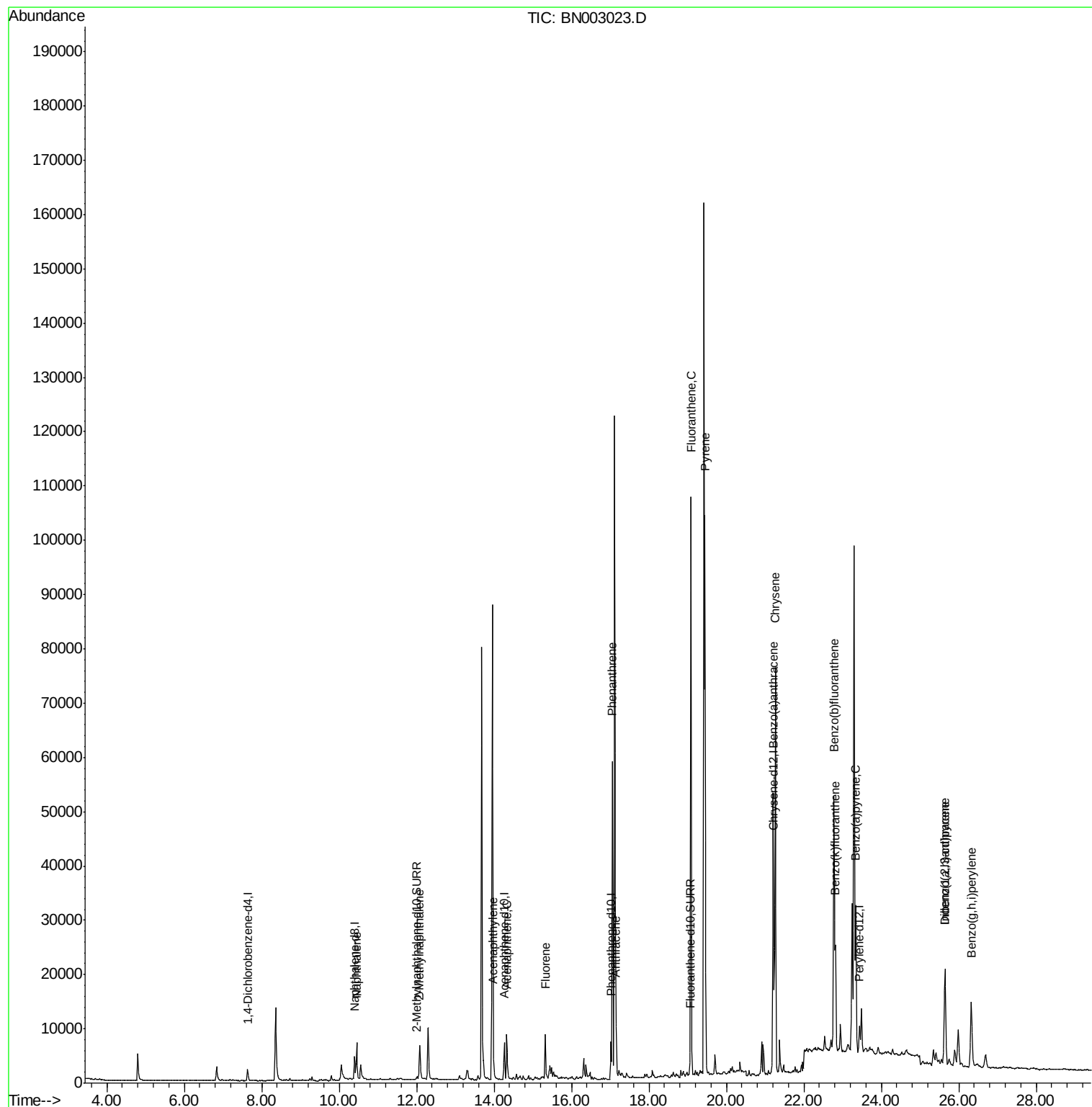
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
Data File : BN003023.D
Acq On : 09 Oct 2018 13:05
Operator : MJ/SJ
Sample : J5116-10DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

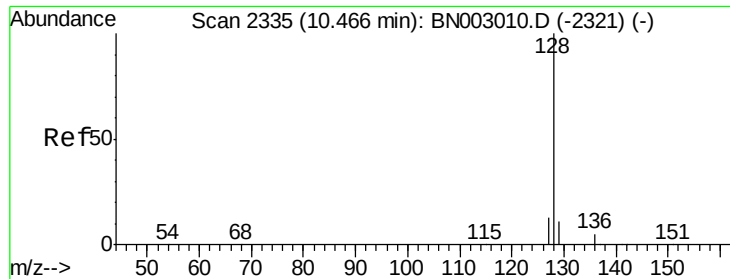
Instrument :
BNA_N
ClientSampleId :
JLC59DL

Manual Integrations
APPROVED

Sohil
10/9/2018 5:38:37 PM

Quant Time: Oct 09 14:45:08 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





#3

Naphthalene

Concen: 0.615 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.02 min

Lab File: BN003023.D

Acq: 09 Oct 2018 13:05

Instrument :

BNA_N

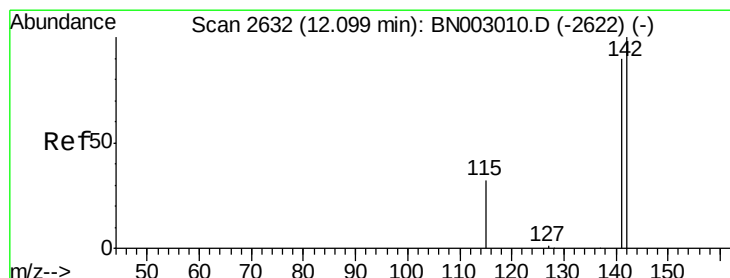
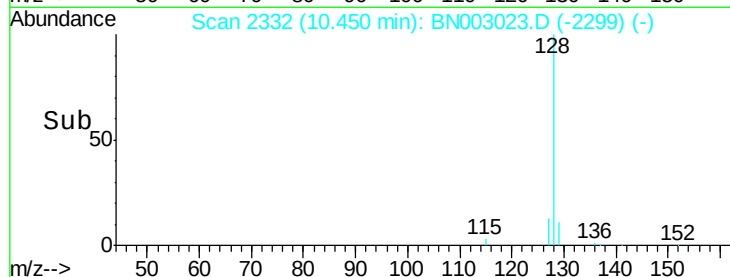
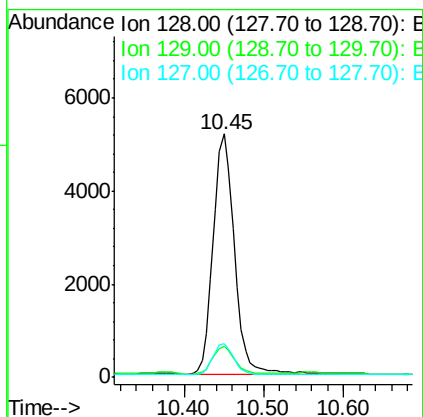
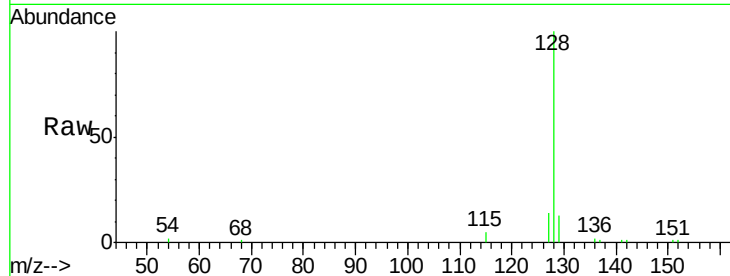
ClientSampleId :

JLC59DL

Tgt Ion:	128	Resp:	9585
Ion Ratio	Lower	Upper	
128	100		
129	12.7	10.4	15.6
127	13.8	11.7	17.5

Manual Integrations
APPROVED

Sohil
10/9/2018 5:38:37 PM



#5

2-Methylnaphthalene

Concen: 0.598 ng/ul

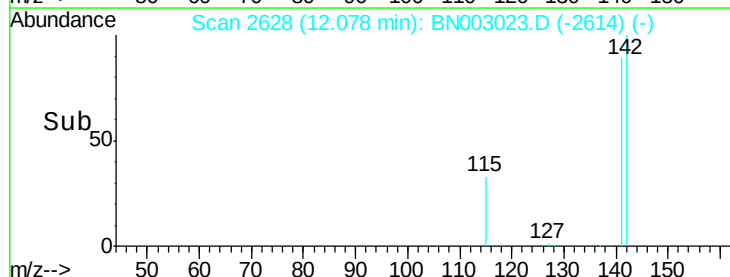
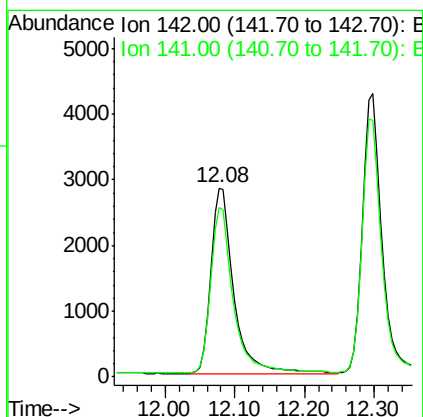
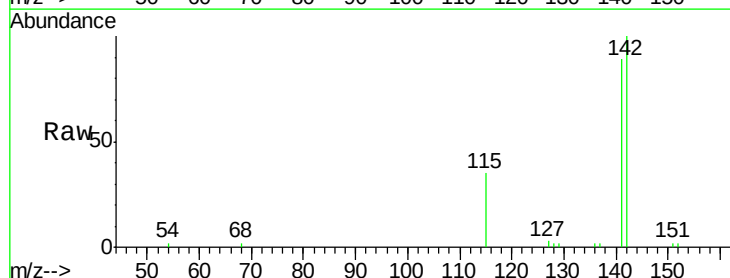
RT: 12.08 min Scan# 2628

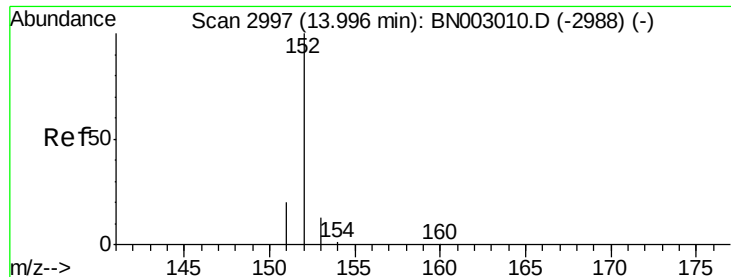
Delta R.T. -0.02 min

Lab File: BN003023.D

Acq: 09 Oct 2018 13:05

Tgt Ion:	142	Resp:	6409
Ion Ratio	Lower	Upper	
142	100		
141	88.8	73.4	110.0





#7

Acenaphthylene

Concen: 0.115 ng/ul

RT: 13.99 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BN003023.D

Acq: 09 Oct 2018 13:05

Instrument :

BNA_N

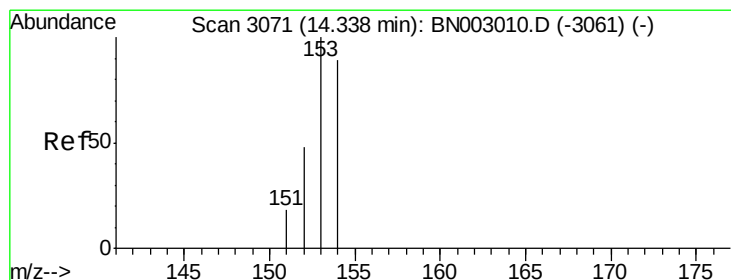
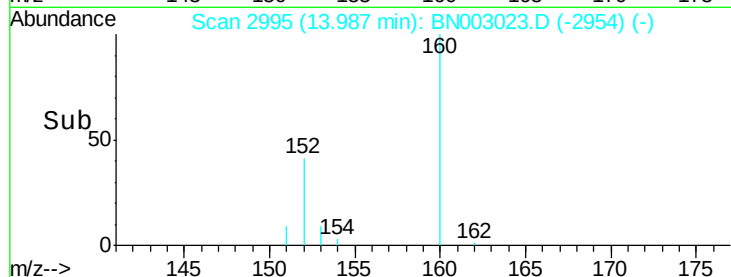
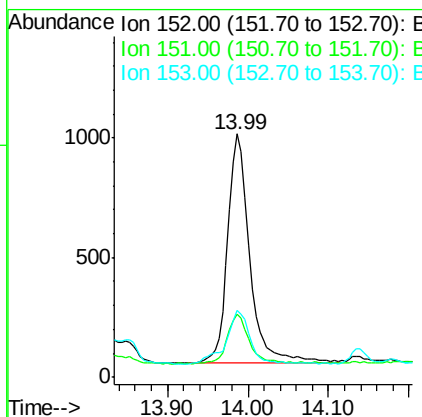
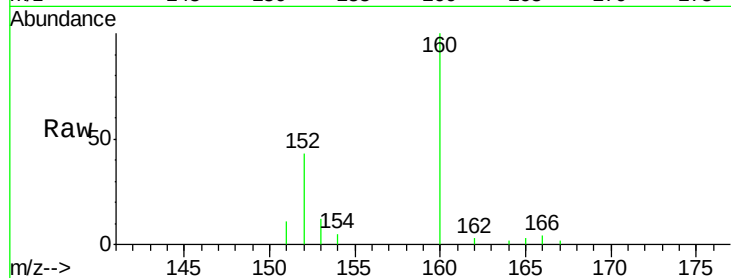
ClientSampled :

JLC59DL

Tgt Ion:	152	Resp:	1835
Ion Ratio	Lower	Upper	
152	100		
151	25.9	16.5	24.7#
153	27.3	11.4	17.2#

Manual Integrations
APPROVED

Sohil
10/9/2018 5:38:37 PM



#8

Acenaphthene

Concen: 0.433 ng/ul

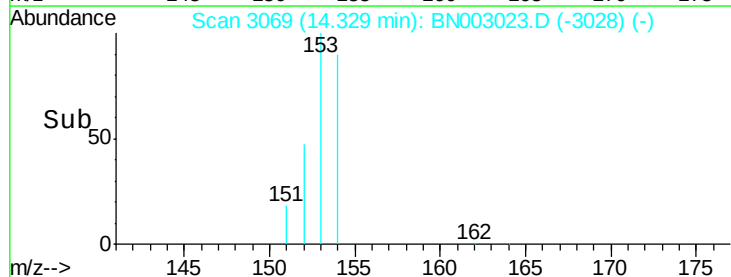
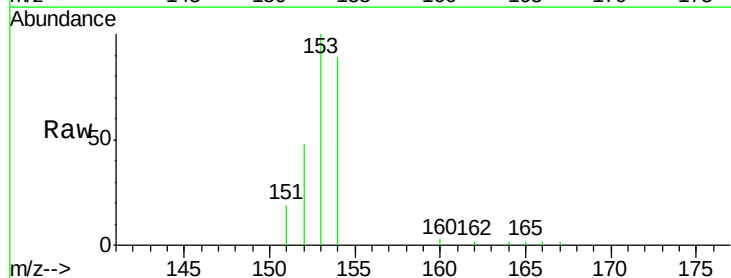
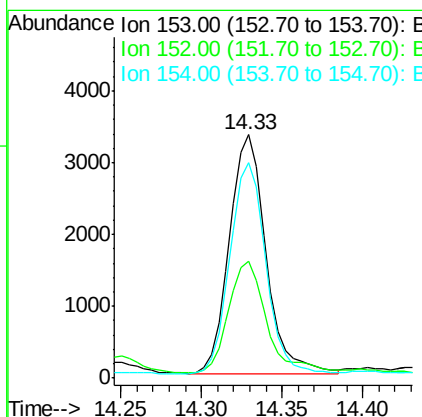
RT: 14.33 min Scan# 3069

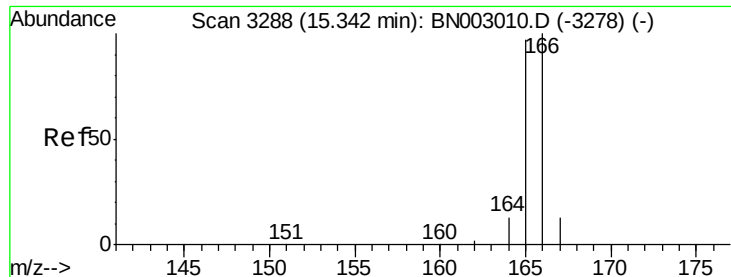
Delta R.T. -0.01 min

Lab File: BN003023.D

Acq: 09 Oct 2018 13:05

Tgt Ion:	153	Resp:	5233
Ion Ratio	Lower	Upper	
153	100		
152	47.8	38.2	57.4
154	88.6	70.2	105.2





#9

Fluorene

Concen: 0.408 ng/ul

RT: 15.32 min Scan# 3284

Delta R.T. -0.02 min

Lab File: BN003023.D

Acq: 09 Oct 2018 13:05

Instrument :

BNA_N

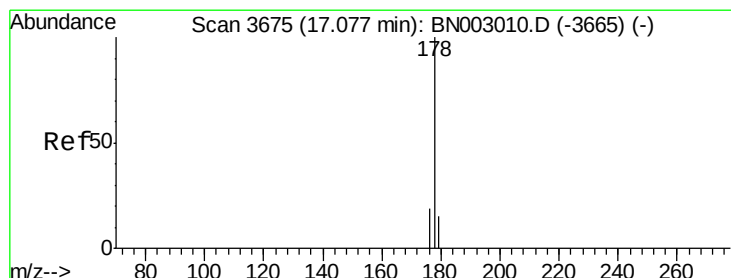
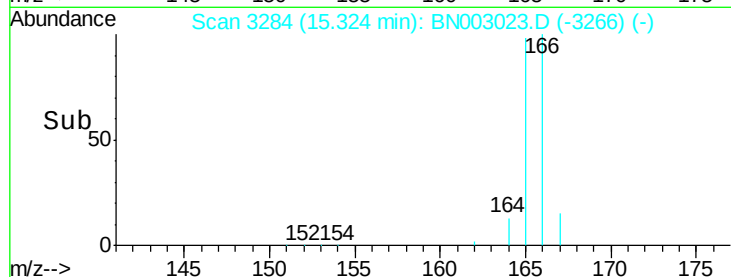
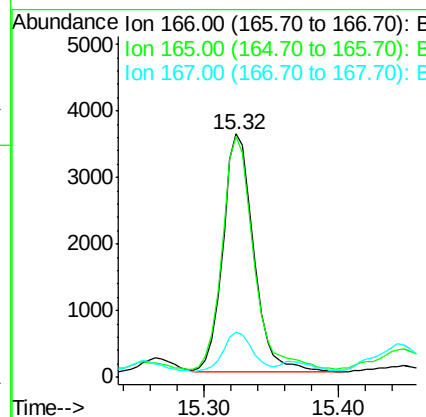
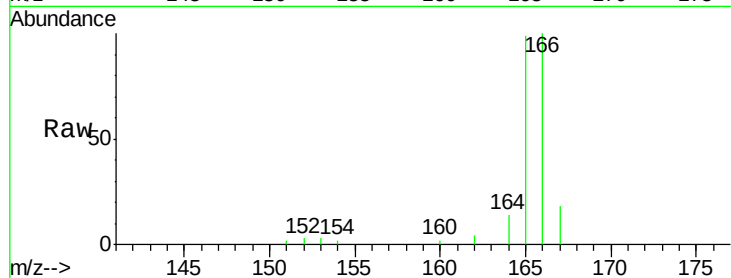
ClientSampled :

JLC59DL

Tgt Ion:	166	Resp:	5657
Ion Ratio	Lower	Upper	
166	100		
165	99.1	78.5	117.7
167	18.4	11.6	17.4#

Manual Integrations
APPROVED

Sohil
10/9/2018 5:38:37 PM



#12

Phenanthrene

Concen: 2.780 ng/ul

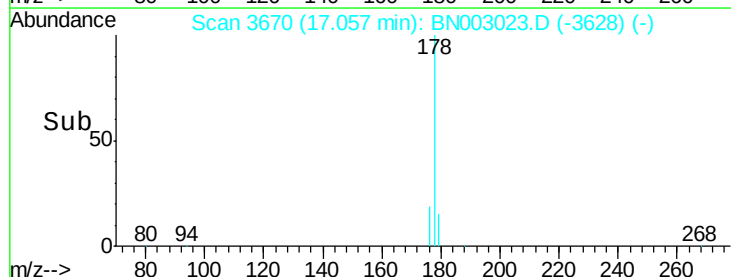
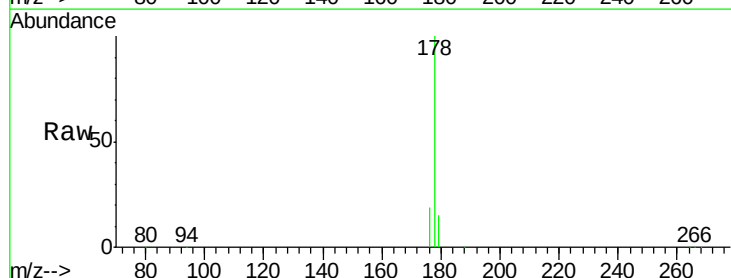
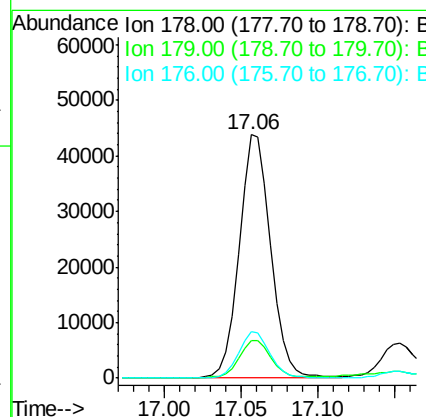
RT: 17.06 min Scan# 3670

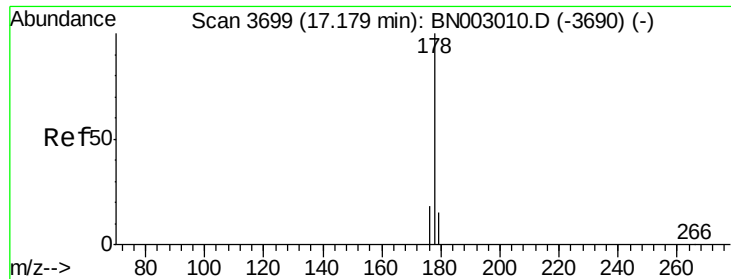
Delta R.T. -0.02 min

Lab File: BN003023.D

Acq: 09 Oct 2018 13:05

Tgt Ion:	178	Resp:	62593
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.9	19.3
176	18.9	15.4	23.2





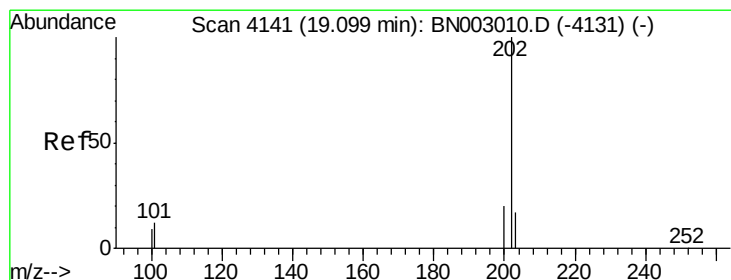
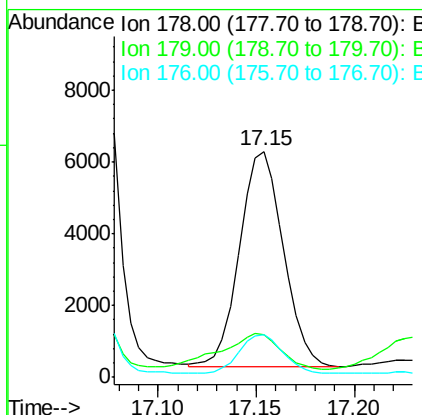
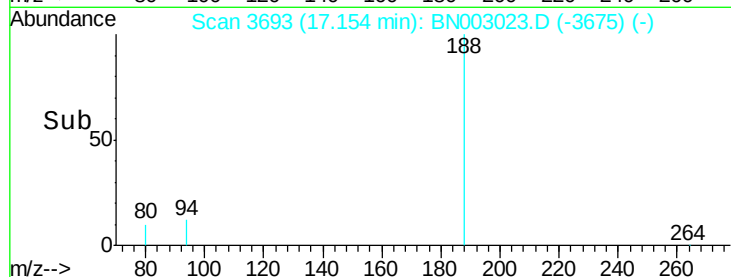
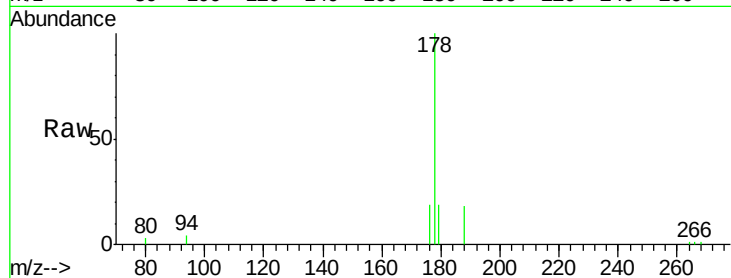
#13
 Anthracene
 Concen: 0.440 ng/ul
 RT: 17.15 min Scan# 3693
 Delta R.T. -0.03 min
 Lab File: BN003023.D
 Acq: 09 Oct 2018 13:05

Instrument :
 BNA_N
 ClientSampleId :
 JLC59DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.7	13.0	19.6
176	18.9	15.3	22.9

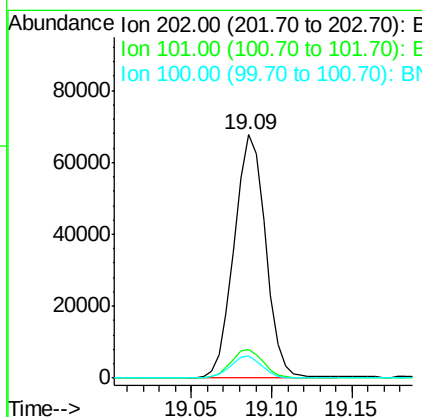
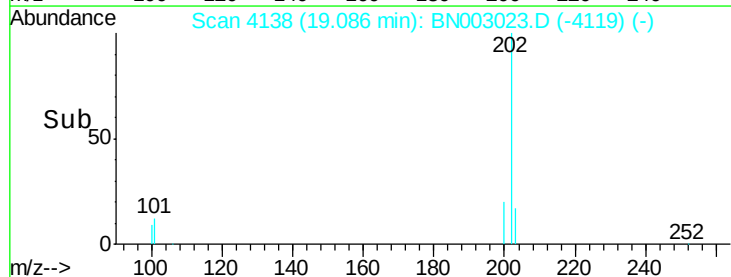
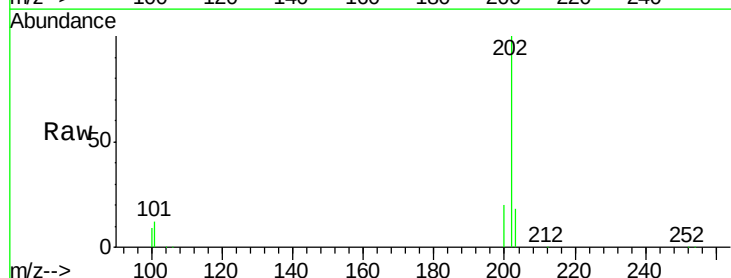
Manual Integrations
 APPROVED

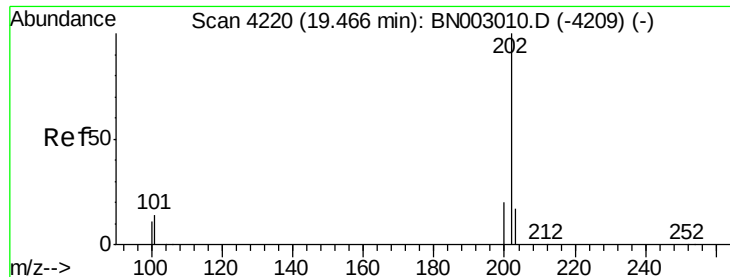
Sohil
 10/9/2018 5:38:37 PM



#15
 Fluoranthene
 Concen: 3.466 ng/ul
 RT: 19.09 min Scan# 4138
 Delta R.T. -0.01 min
 Lab File: BN003023.D
 Acq: 09 Oct 2018 13:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.3
100	9.0	0.0	29.1





#17

Pyrene

Concen: 2.955 ng/ul

RT: 19.45 min Scan# 4217

Delta R.T. -0.01 min

Lab File: BN003023.D

Acq: 09 Oct 2018 13:05

Instrument :

BNA_N

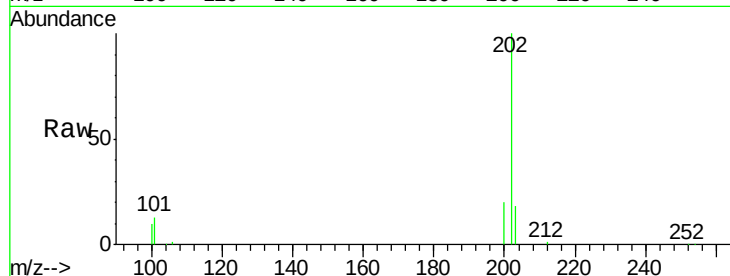
ClientSampleId :

JLC59DL

Tgt Ion:	202	Resp:	88922
Ion Ratio	Lower	Upper	
202	100		
101	12.7	11.9	17.9
100	10.2	9.9	14.9

Manual Integrations
APPROVED

Sohil
10/9/2018 5:38:37 PM



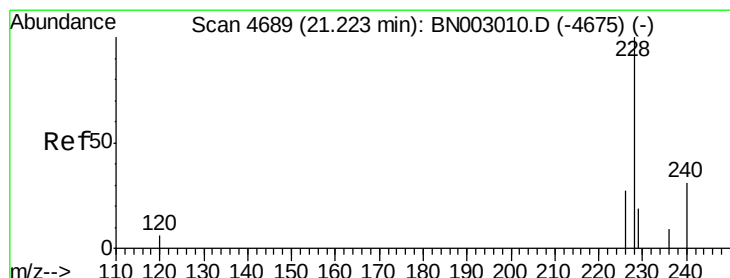
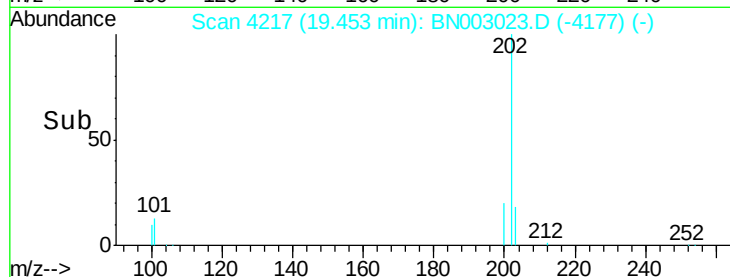
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

19.45

Time-->



#18

Benzo(a)anthracene

Concen: 1.745 ng/ul

RT: 21.21 min Scan# 4684

Delta R.T. -0.01 min

Lab File: BN003023.D

Acq: 09 Oct 2018 13:05

Tgt Ion:	228	Resp:	43512
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.2	24.2
226	27.1	22.3	33.5

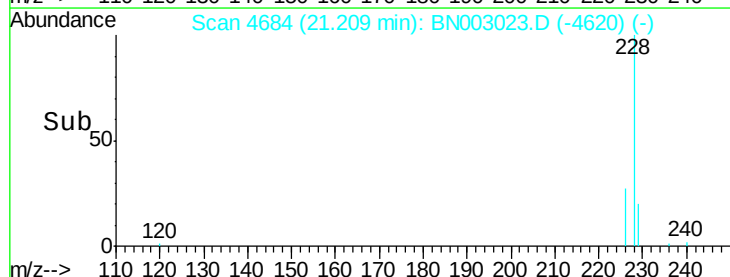
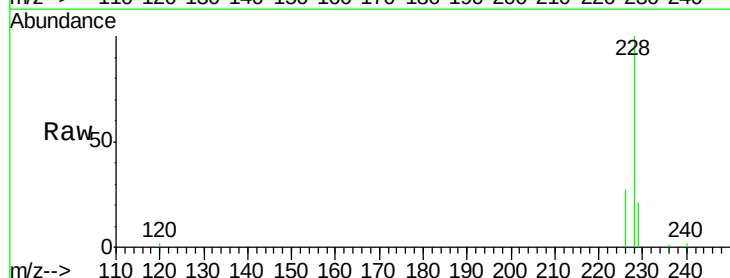
Abundance Ion 228.00 (227.70 to 228.70): E

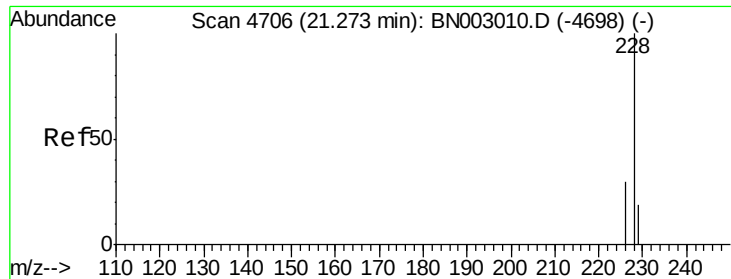
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

21.21

Time-->





#19

Chrysene

Concen: 2.785 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003023.D

Acq: 09 Oct 2018 13:05

Instrument :

BNA_N

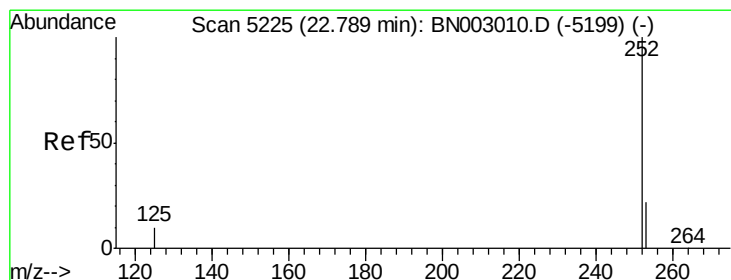
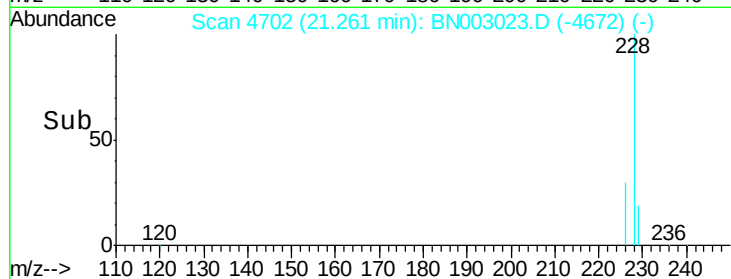
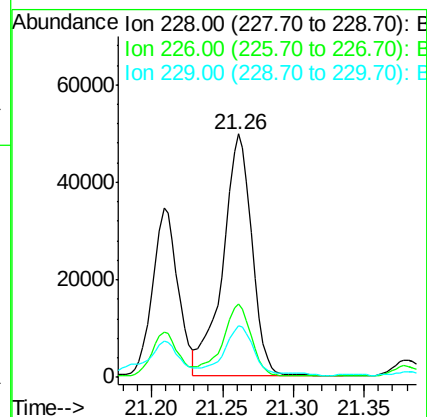
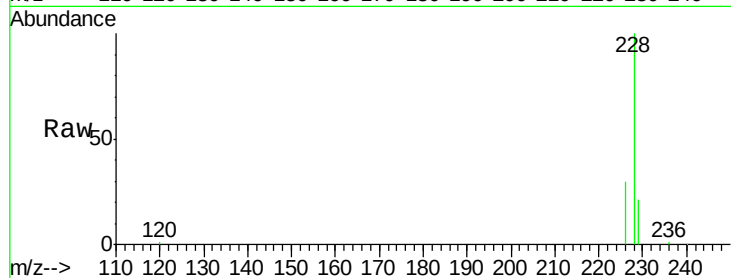
ClientSampleId :

JLC59DL

Tgt Ion:	228	Resp:	70516
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.2	36.4
229	21.2	16.7	25.1

Manual Integrations
APPROVED

Sohil
10/9/2018 5:38:37 PM



#21

Benzo(b)fluoranthene

Concen: 3.354 ng/ul m

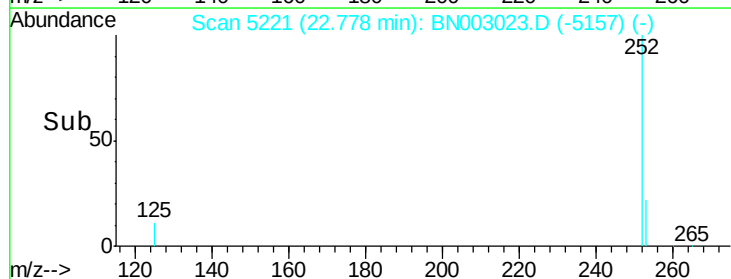
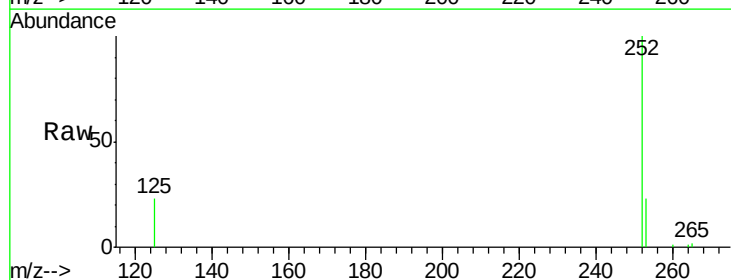
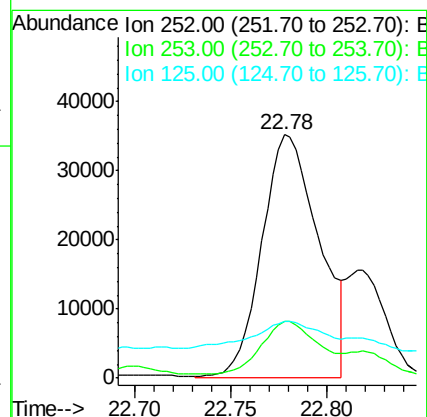
RT: 22.78 min Scan# 5221

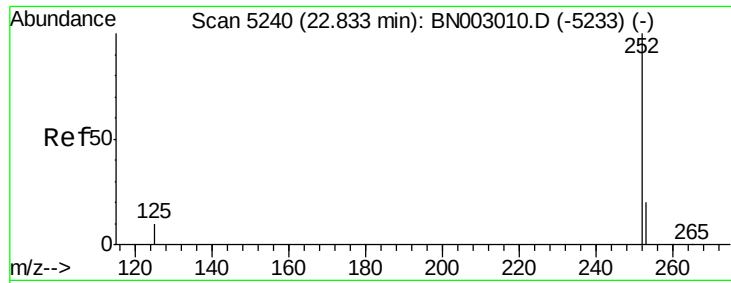
Delta R.T. -0.01 min

Lab File: BN003023.D

Acq: 09 Oct 2018 13:05

Tgt Ion:	252	Resp:	72808
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	53.2
125	23.1	0.0	34.2





#22

Benzo(k)fluoranthene

Concen: 1.028 ng/ul m

RT: 22.82 min Scan# 5235

Delta R.T. -0.01 min

Lab File: BN003023.D

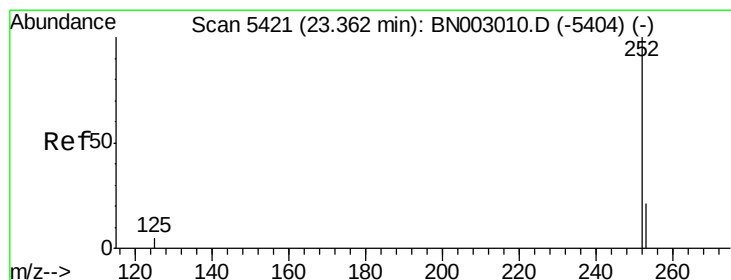
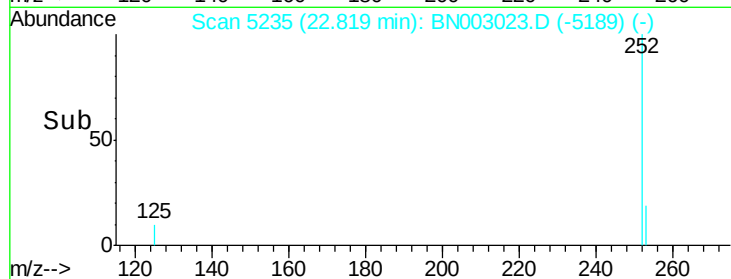
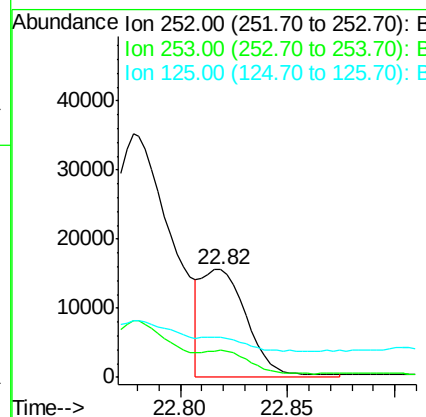
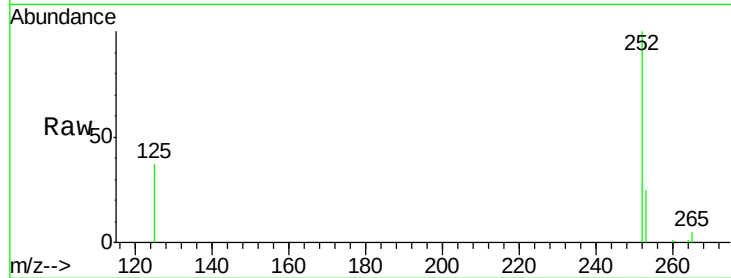
Acq: 09 Oct 2018 13:05

Instrument :
BNA_N
ClientSampled :
JLC59DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	21.3	31.9
125	36.8	14.1	21.1#

Manual Integrations
APPROVED

Sohil
10/9/2018 5:38:37 PM



#23

Benzo(a)pyrene

Concen: 1.891 ng/ul

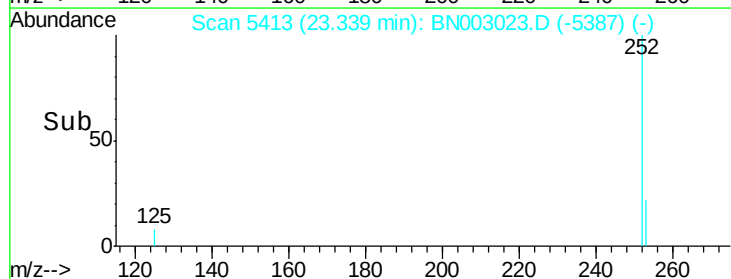
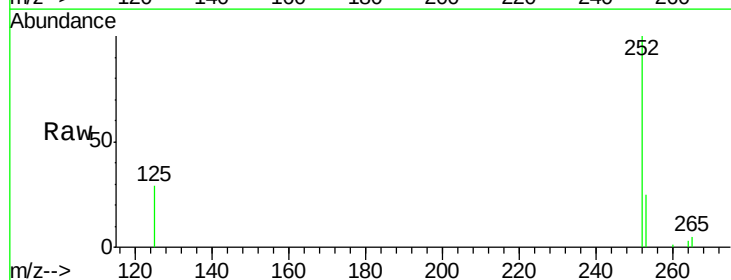
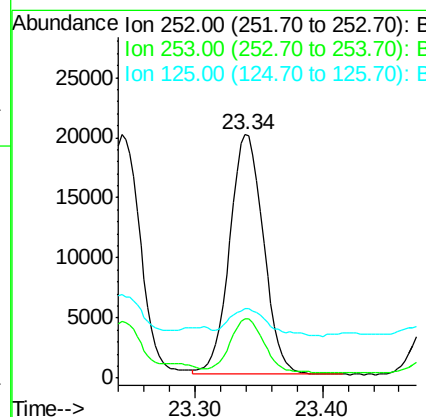
RT: 23.34 min Scan# 5413

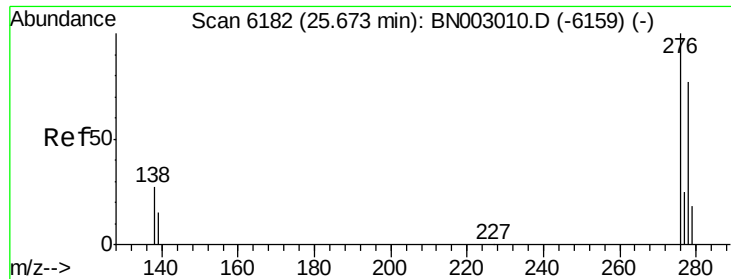
Delta R.T. -0.02 min

Lab File: BN003023.D

Acq: 09 Oct 2018 13:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	23.1	34.7
125	28.7	16.9	25.3#





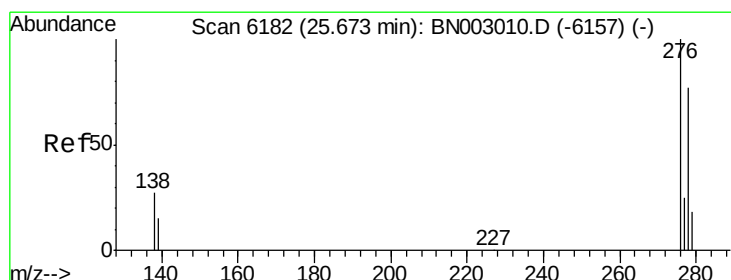
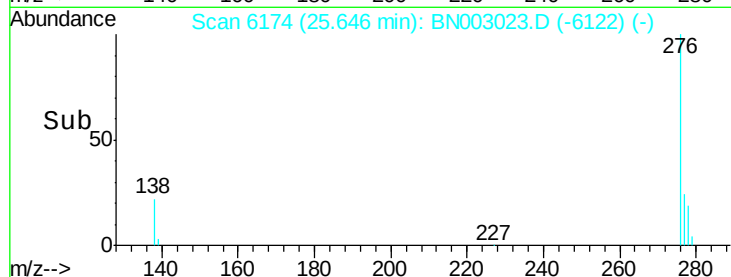
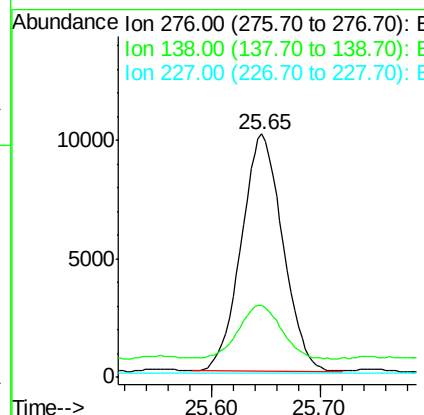
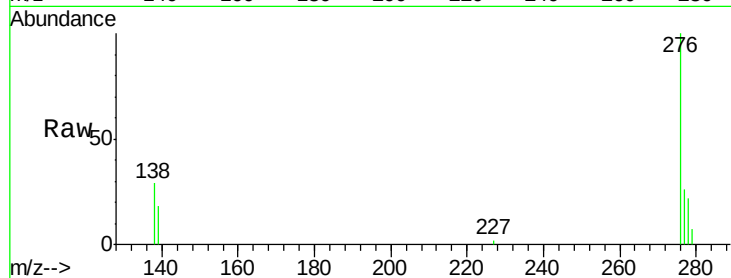
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.196 ng/ul
 RT: 25.65 min Scan# 6174
 Delta R.T. -0.03 min
 Lab File: BN003023.D
 Acq: 09 Oct 2018 13:05

Instrument :
 BNA_N
 ClientSampleID :
 JLC59DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	21.5	32.3
227	0.2	0.3	0.5#

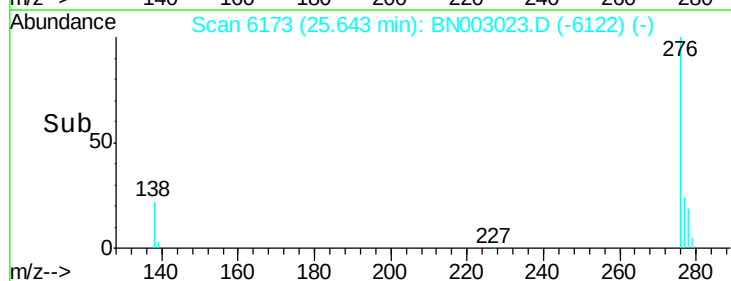
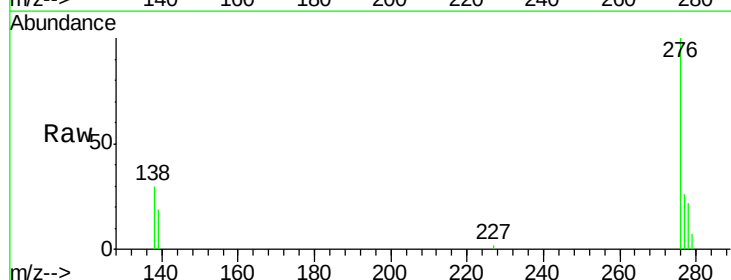
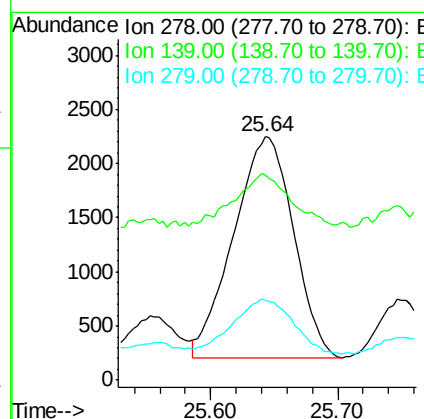
Manual Integrations
 APPROVED

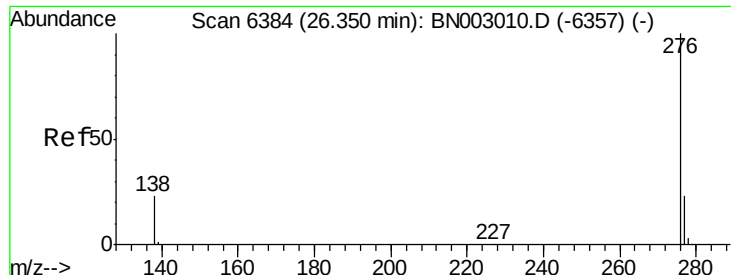
Sohil
 10/9/2018 5:38:37 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.372 ng/ul
 RT: 25.64 min Scan# 6173
 Delta R.T. -0.03 min
 Lab File: BN003023.D
 Acq: 09 Oct 2018 13:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	84.3	20.2	30.4#
279	32.8	23.8	35.8





#26
 Benzo(g,h,i)perylene
 Concen: 1.276 ng/ul
 RT: 26.32 min Scan# 6376
 Delta R.T. -0.03 min
 Lab File: BN003023.D
 Acq: 09 Oct 2018 13:05

Instrument :
 BNA_N
 ClientSampleId :
 JLC59DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.9	23.0	34.4
277	25.5	22.0	33.0

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:37 PM

