

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
 Data File : BN003047.D
 Acq On : 10 Oct 2018 03:09
 Operator : MJ/SJ
 Sample : J5115-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC13

Manual Integrations
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Sohil
 10/10/2018 4:58:17 PM

Quant Time: Oct 10 08:53:21 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	2023	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7882	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	4046	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	7499m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4932m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	5694m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3026	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	4795m	0.22	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	3140	0.155	ng/ul	96
5) 2-Methylnaphthalene	12.07	142	2333	0.168	ng/ul	93
7) Acenaphthylene	13.98	152	1735	0.094	ng/ul#	88
8) Acenaphthene	14.32	153	856	0.061	ng/ul	95
9) Fluorene	15.32	166	766	0.048	ng/ul#	90
11) Pentachlorophenol	16.71	266	289m	0.397	ng/ul	
12) Phenanthrene	17.06	178	25519	1.221	ng/ul	100
13) Anthracene	17.15	178	5050m	0.256	ng/ul	
15) Fluoranthene	19.08	202	71533m	2.917	ng/ul	
17) Pyrene	19.45	202	73727m	3.849	ng/ul	
18) Benzo(a)anthracene	21.21	228	48249m	3.040	ng/ul	
19) Chrysene	21.26	228	252175m	15.647	ng/ul	
21) Benzo(b)fluoranthene	22.77	252	205448m	10.019	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	46519m	2.188	ng/ul	
23) Benzo(a)pyrene	23.34	252	33803m	1.839	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.64	276	65764	3.114	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	19385m	1.147	ng/ul	
26) Benzo(g,h,i)perylene	26.32	276	81016	4.549	ng/ul	94

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

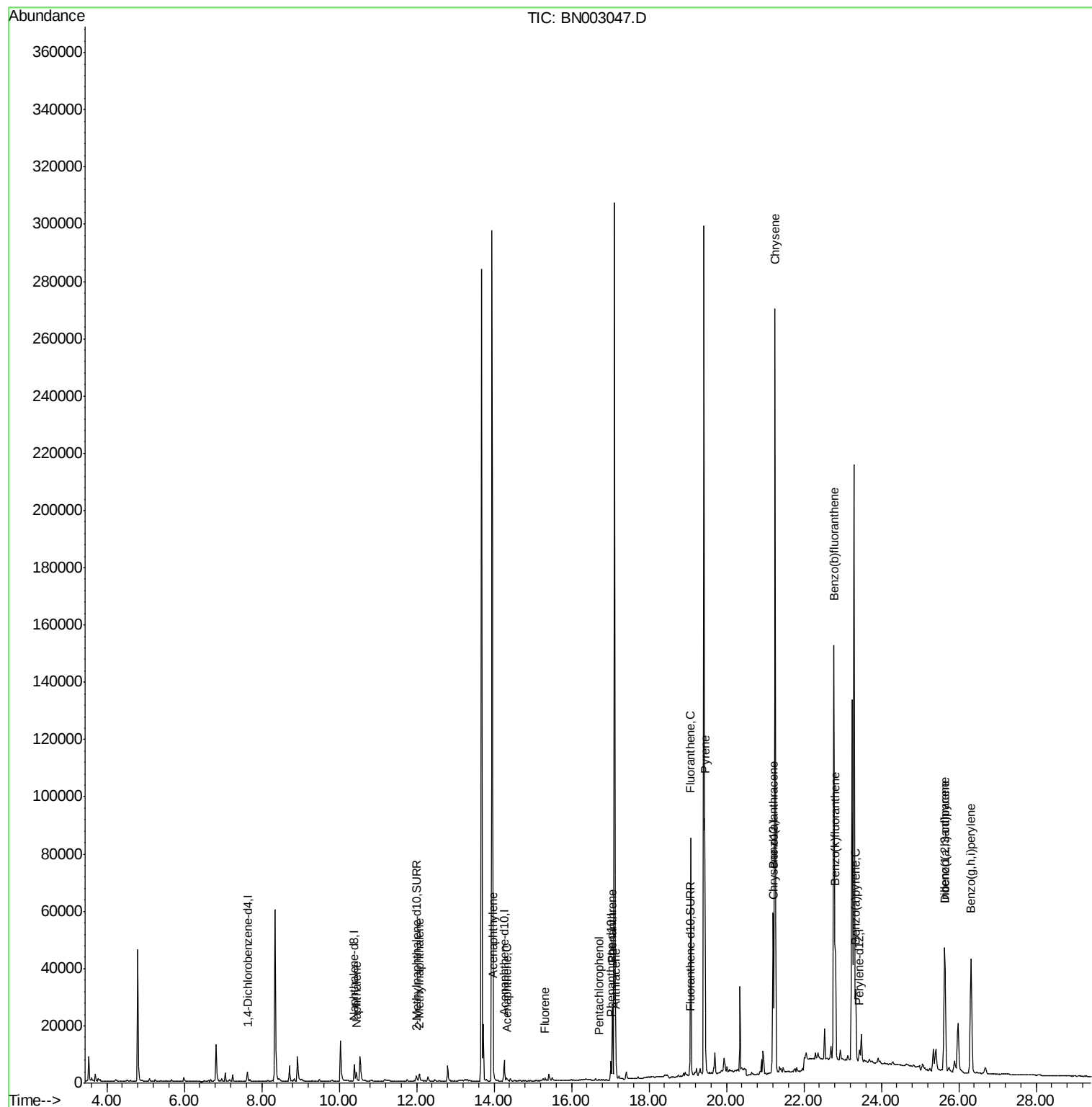
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
Data File : BN003047.D
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Operator : MJ/SJ
Sample : J5115-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

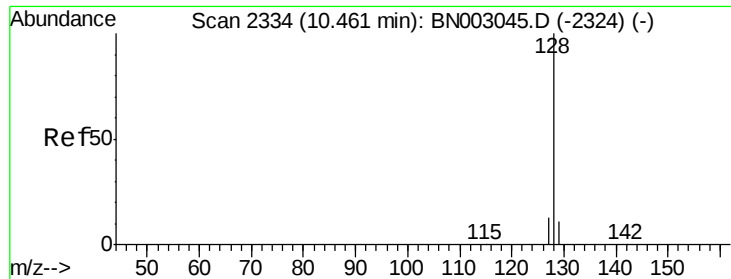
Instrument :
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Quant Time: Oct 10 08:53:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 10 08:36:11 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.155 ng/u1

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Instrument :

BNA_N

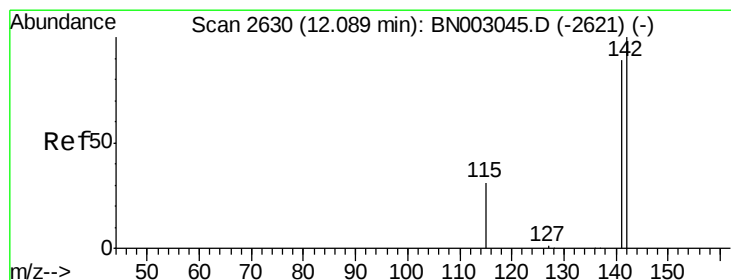
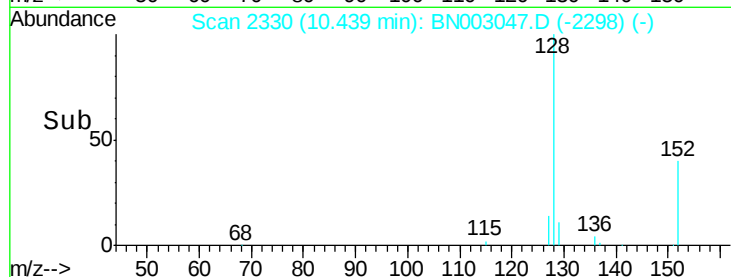
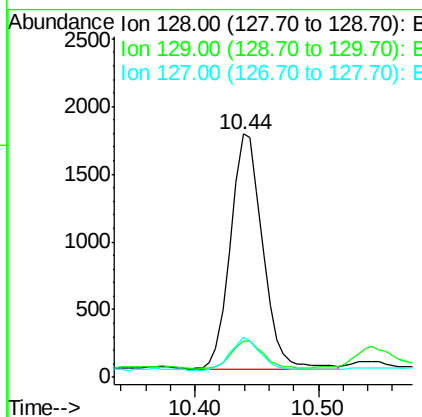
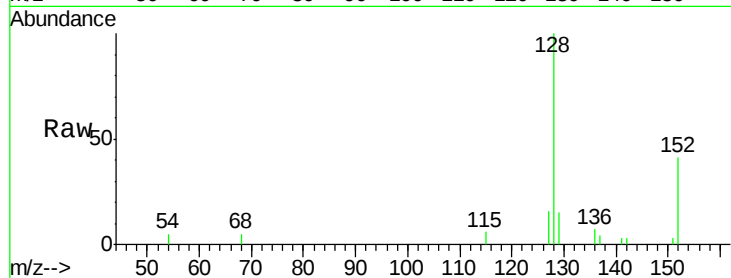
ClientSampleId :

JLC13

Tgt Ion:	128	Resp:	3140
Ion Ratio	Lower	Upper	
128	100		
129	14.7	10.4	15.6
127	16.4	11.7	17.5

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#5

2-Methylnaphthalene

Concen: 0.168 ng/u1

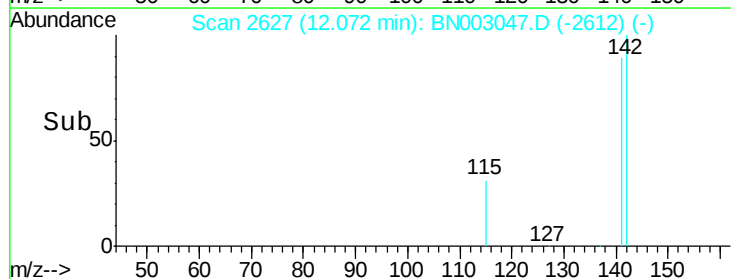
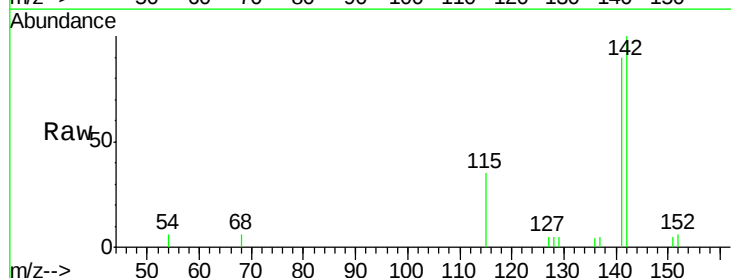
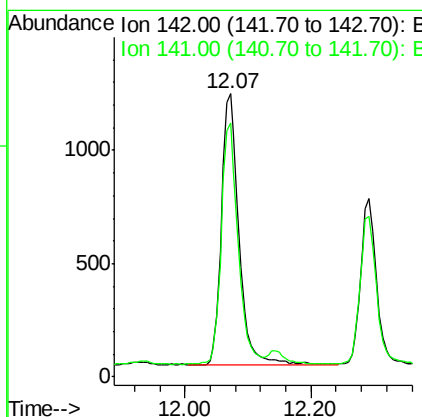
RT: 12.07 min Scan# 2627

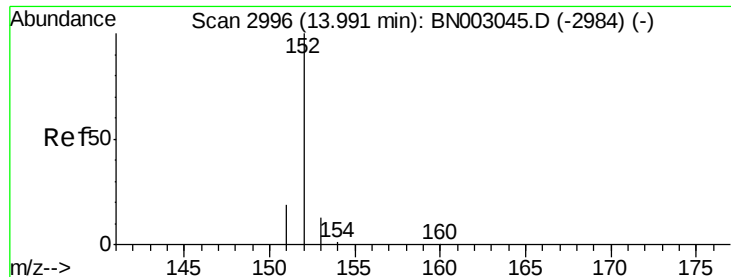
Delta R.T. -0.02 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Tgt Ion:	142	Resp:	2333
Ion Ratio	Lower	Upper	
142	100		
141	85.1	73.4	110.0





#7

Acenaphthylene

Concen: 0.094 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Instrument :

BNA_N

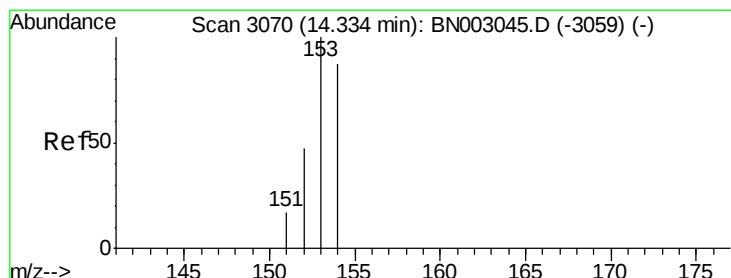
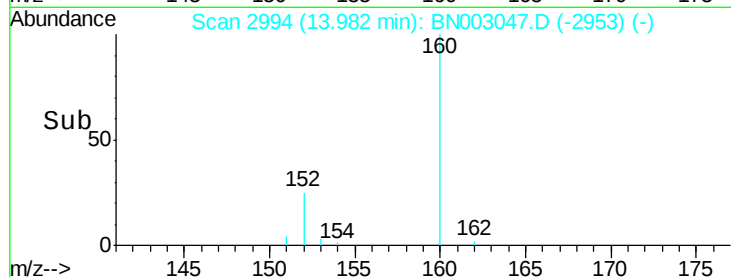
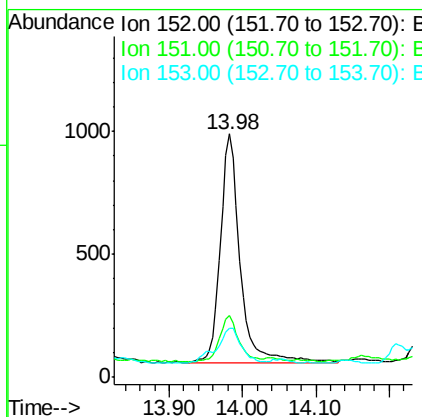
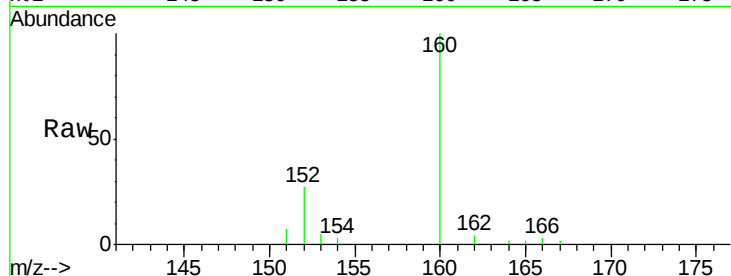
ClientSampled :

JLC13

Tgt Ion:	152	Resp:	1735
Ion Ratio	Lower	Upper	
152	100		
151	25.2	16.5	24.7#
153	20.2	11.4	17.2#

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#8

Acenaphthene

Concen: 0.061 ng/ul

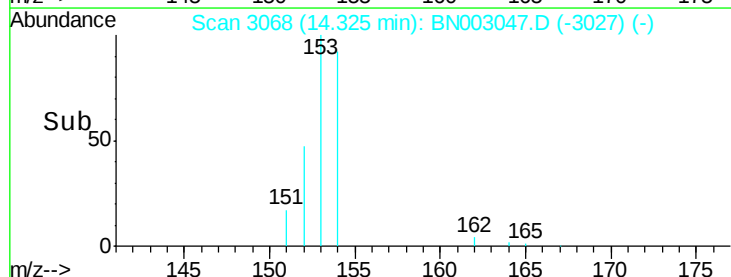
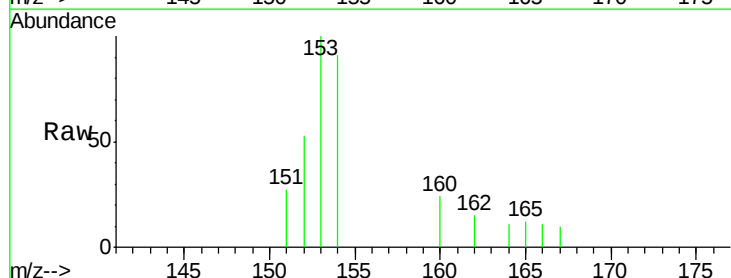
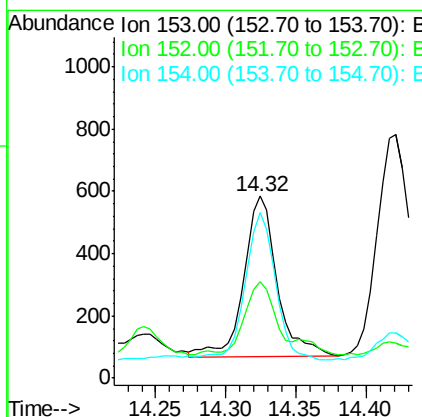
RT: 14.32 min Scan# 3068

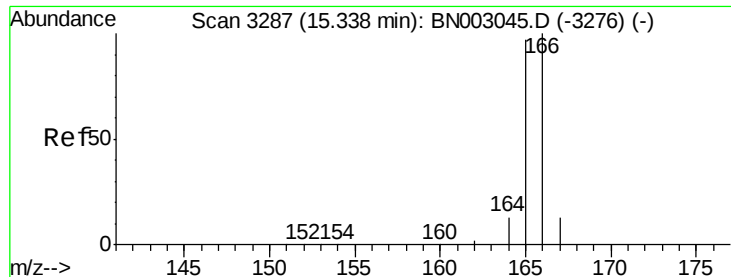
Delta R.T. -0.01 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Tgt Ion:	153	Resp:	856
Ion Ratio	Lower	Upper	
153	100		
152	52.9	38.2	57.4
154	90.9	70.2	105.2





#9

Fluorene

Concen: 0.048 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Instrument :

BNA_N

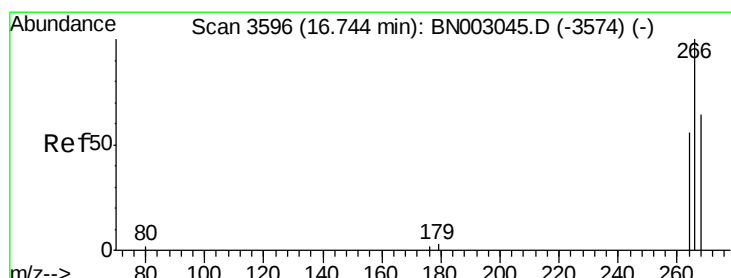
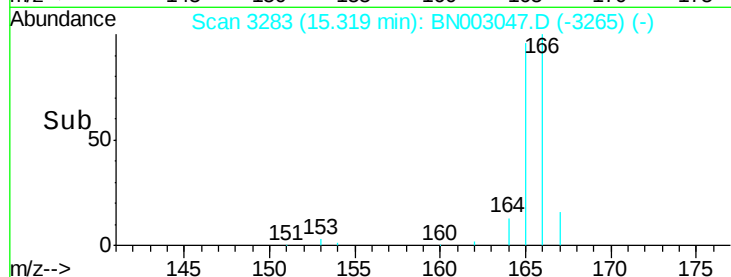
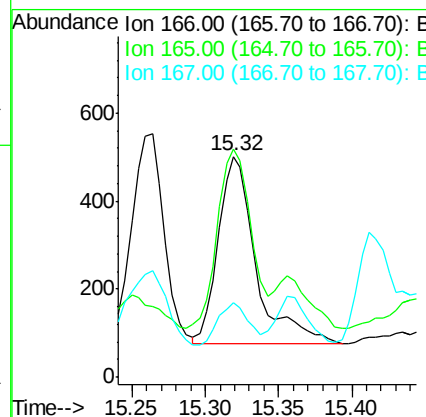
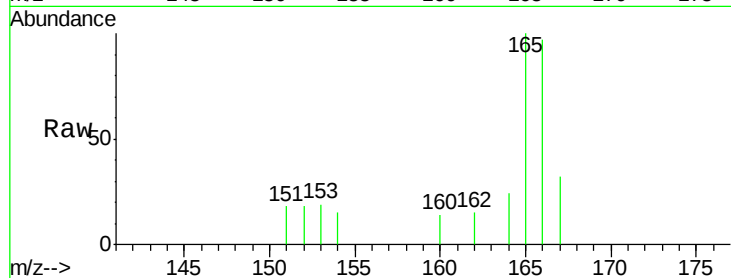
ClientSampleId :

JLC13

Tgt Ion:	166	Resp:	766
Ion Ratio	Lower	Upper	
166	100		
165	103.2	78.5	117.7
167	33.5	11.6	17.4#

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#11

Pentachlorophenol

Concen: 0.397 ng/ul m

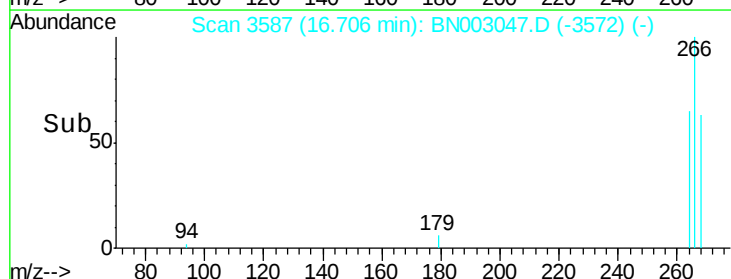
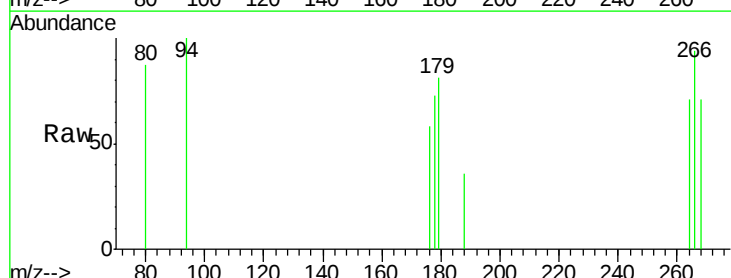
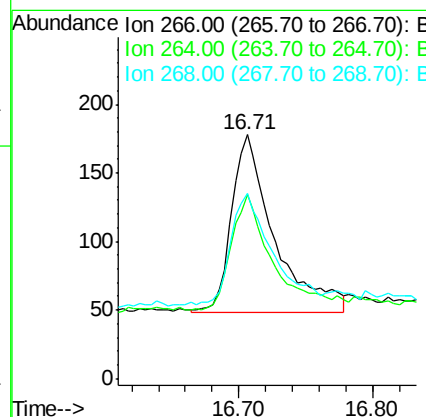
RT: 16.71 min Scan# 3587

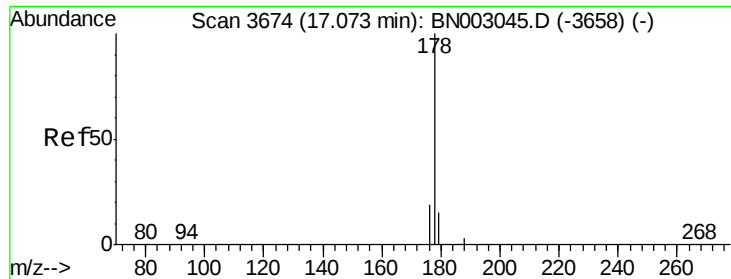
Delta R.T. -0.04 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Tgt Ion:	266	Resp:	289
Ion Ratio	Lower	Upper	
266	100		
264	1.0	52.5	78.7#
268	1.4	48.6	72.8#





#12

Phenanthrene

Concen: 1.221 ng/ul

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Instrument :

BNA_N

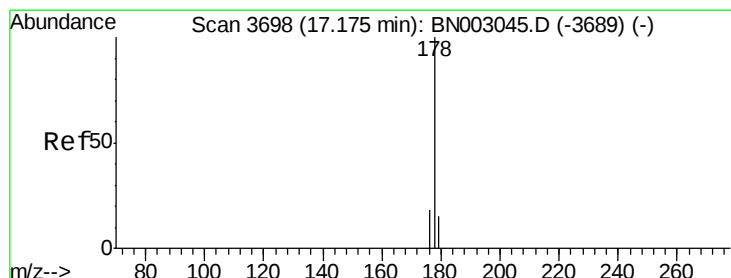
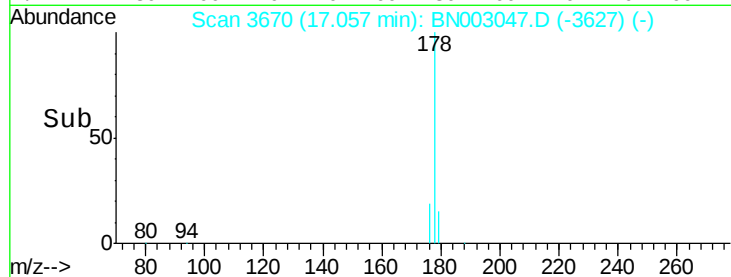
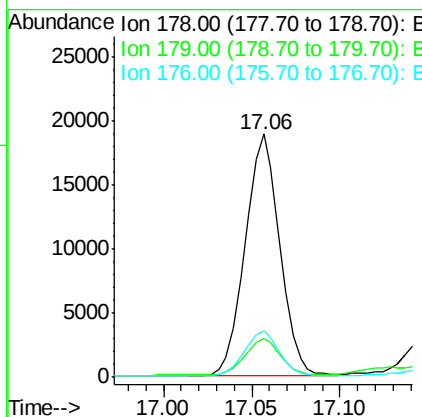
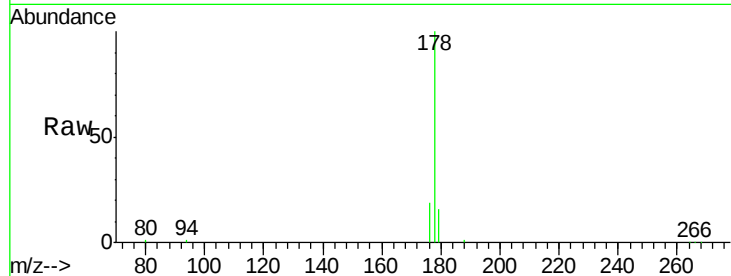
ClientSampleId :

JLC13

Tgt Ion:	178	Resp:	25519
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.9	19.3
176	19.2	15.4	23.2

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#13

Anthracene

Concen: 0.256 ng/ul m

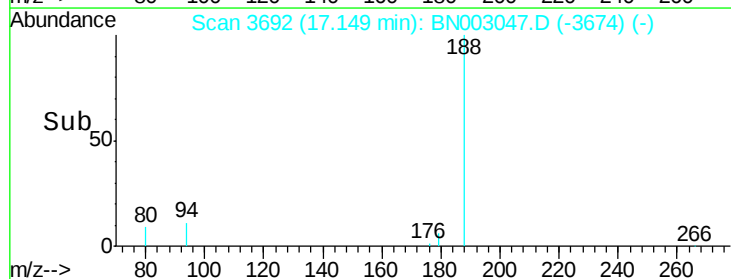
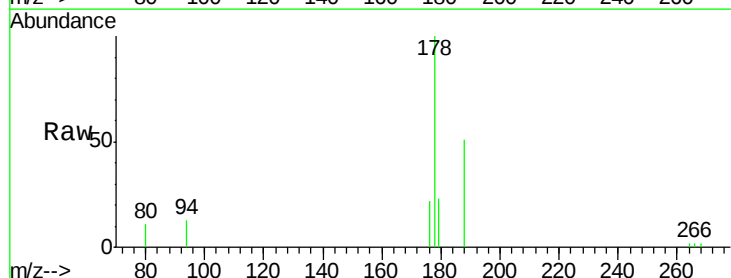
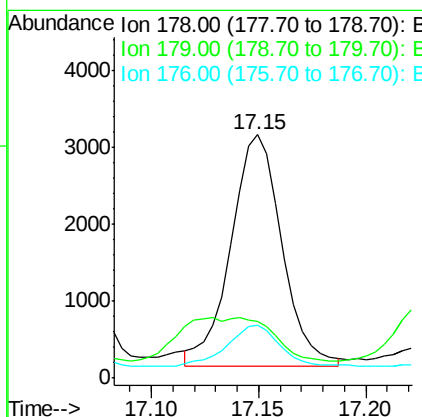
RT: 17.15 min Scan# 3692

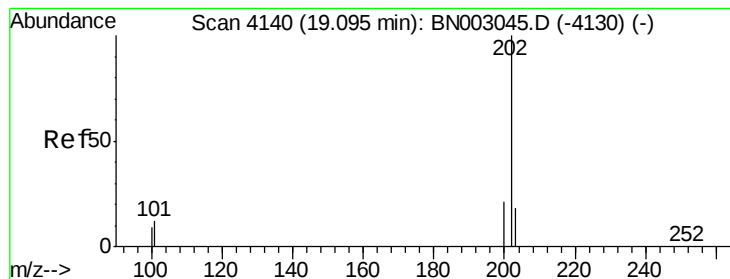
Delta R.T. -0.03 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Tgt Ion:	178	Resp:	5050
Ion Ratio	Lower	Upper	
178	100		
179	23.2	13.0	19.6#
176	21.8	15.3	22.9





#15

Fluoranthene

Concen: 2.917 ng/ul m

RT: 19.08 min Scan# 4137

Delta R.T. -0.01 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Instrument :

BNA_N

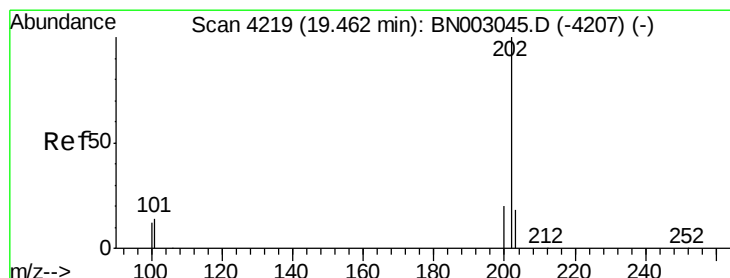
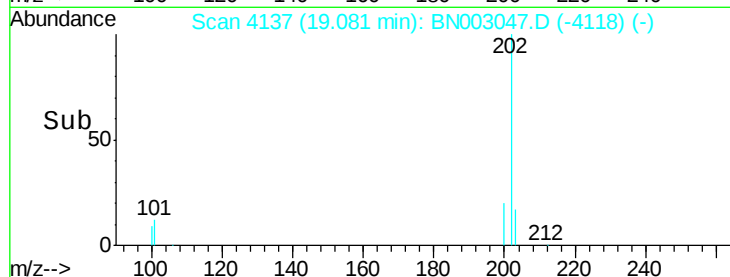
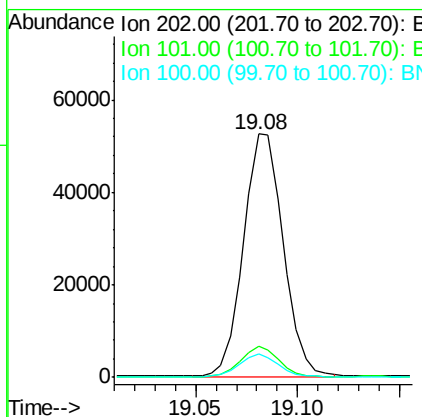
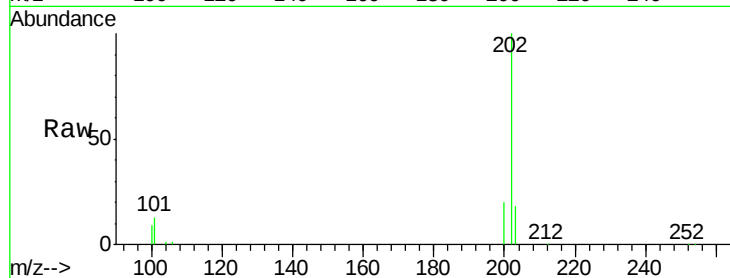
ClientSampleId :

JLC13

Tgt Ion:	202	Resp:	71533
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	32.3
100	9.5	0.0	29.1

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#17

Pyrene

Concen: 3.849 ng/ul m

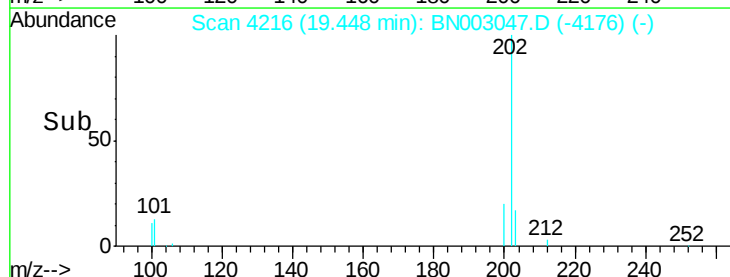
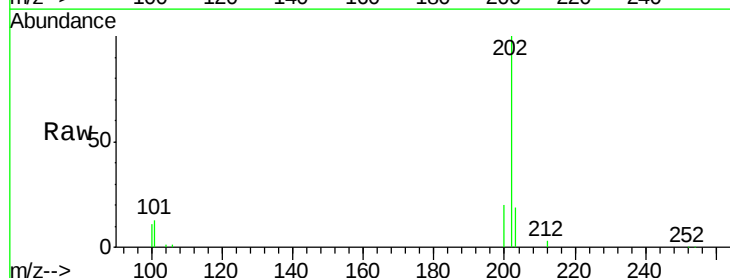
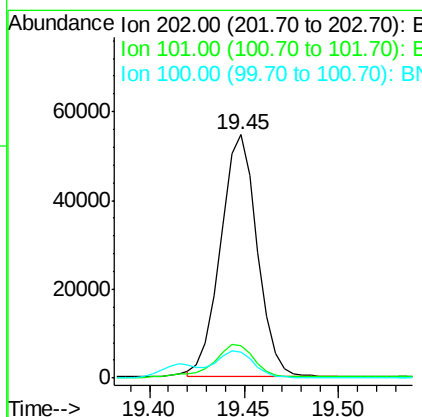
RT: 19.45 min Scan# 4216

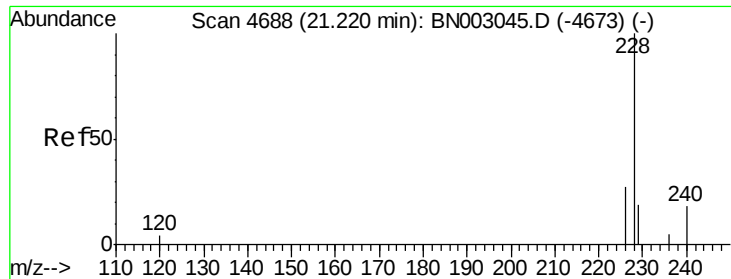
Delta R.T. -0.01 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Tgt Ion:	202	Resp:	73727
Ion Ratio	Lower	Upper	
202	100		
101	13.4	11.9	17.9
100	10.7	9.9	14.9





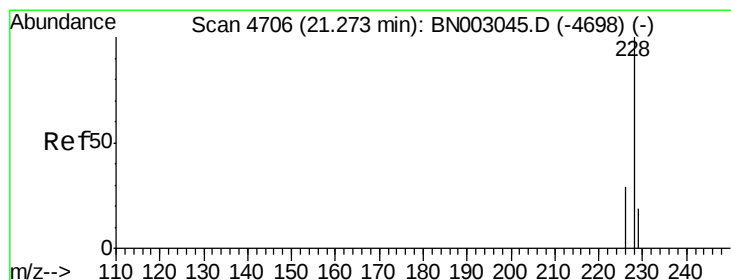
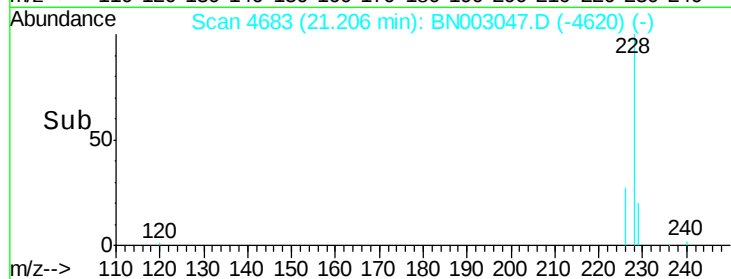
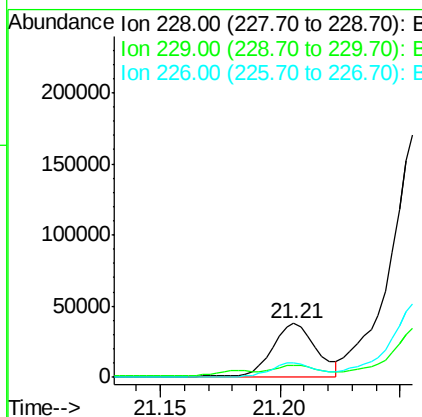
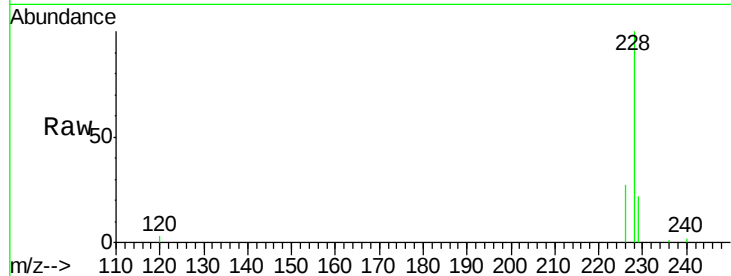
#18
Benzo(a)anthracene
Concen: 3.040 ng/ul m
RT: 21.21 min Scan# 4683
Delta R.T. -0.01 min
Lab File: BN003047.D
Acq: 10 Oct 2018 03:09

Instrument :
BNA_N
ClientSampled :
JLC13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.2	24.2
226	27.3	22.3	33.5

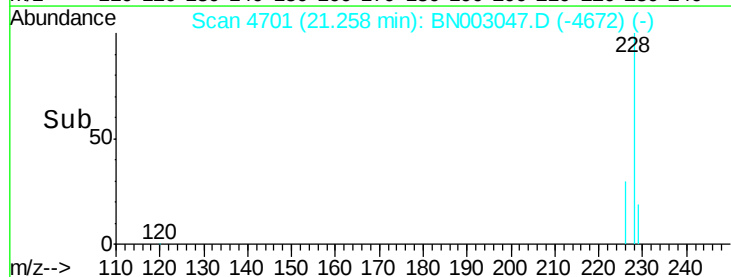
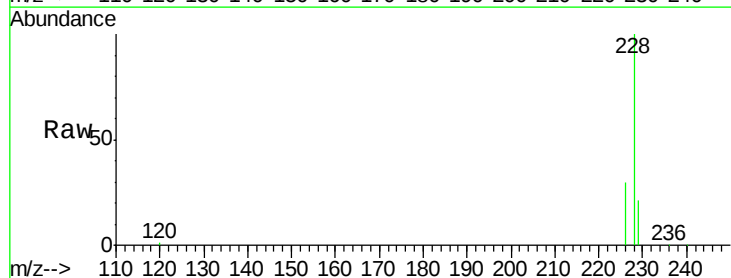
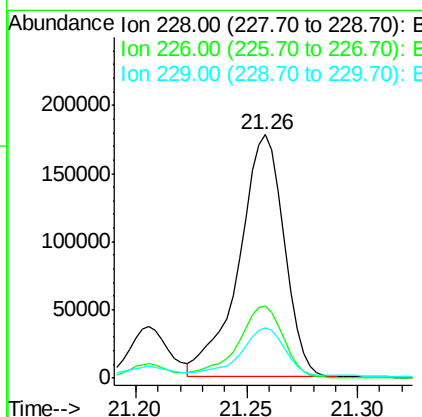
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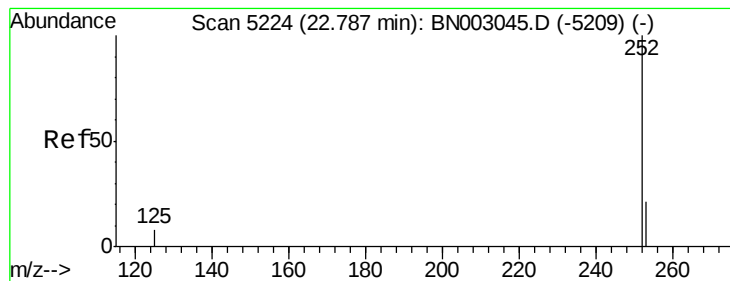
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#19
Chrysene
Concen: 15.647 ng/ul m
RT: 21.26 min Scan# 4701
Delta R.T. -0.01 min
Lab File: BN003047.D
Acq: 10 Oct 2018 03:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	20.6	16.7	25.1





#21

Benzo(b)fluoranthene

Concen: 10.019 ng/ul m

RT: 22.77 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Instrument :

BNA_N

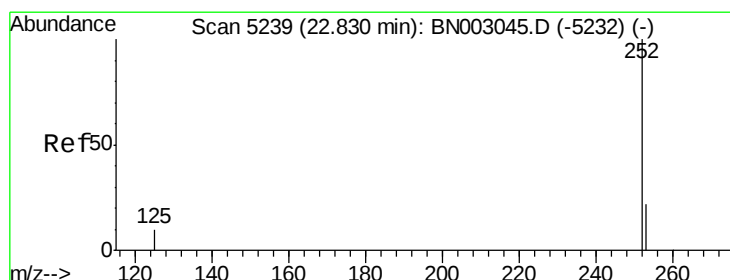
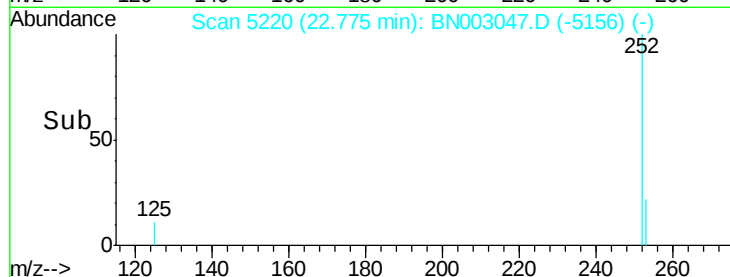
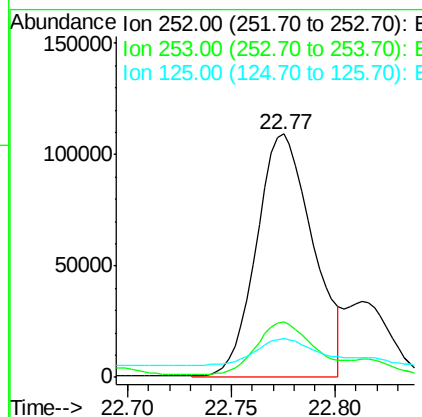
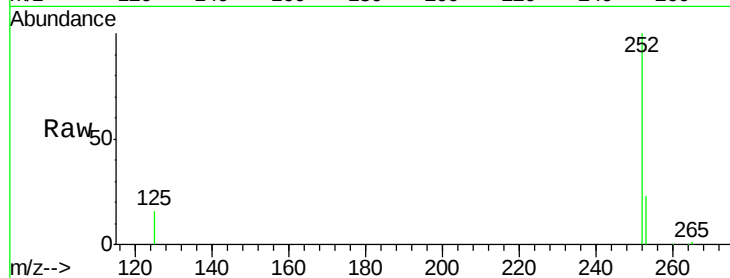
ClientSampled :

JLC13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	205448		
253	22.6	0.0	53.2	
125	15.8	0.0	34.2	

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#22

Benzo(k)fluoranthene

Concen: 2.188 ng/ul m

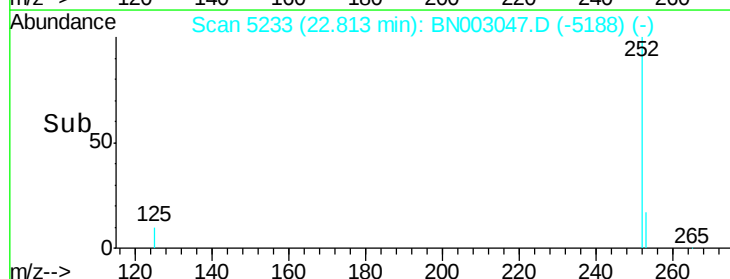
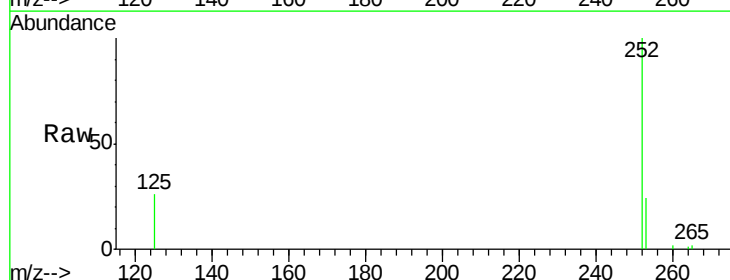
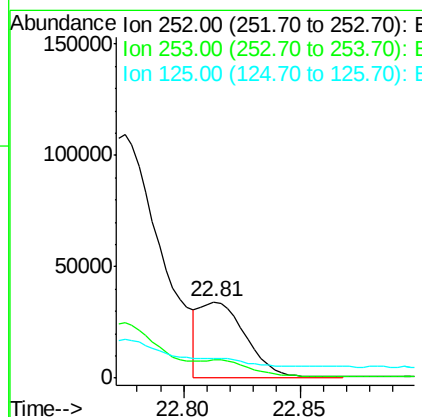
RT: 22.81 min Scan# 5233

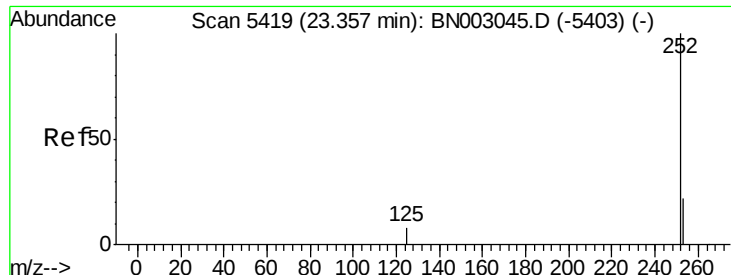
Delta R.T. -0.02 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	46519		
253	24.5	21.3	31.9	
125	25.7	14.1	21.1	





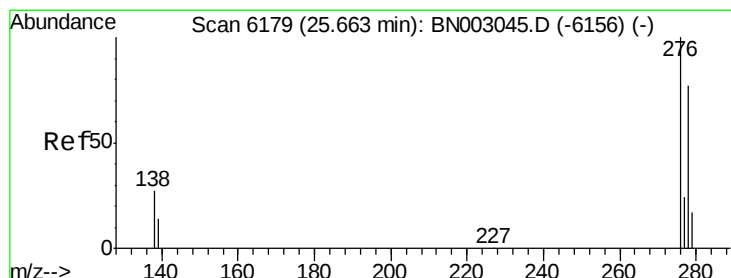
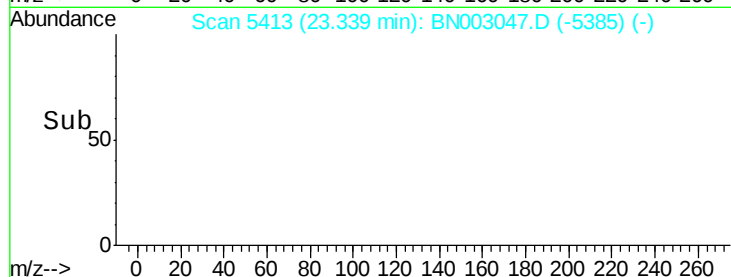
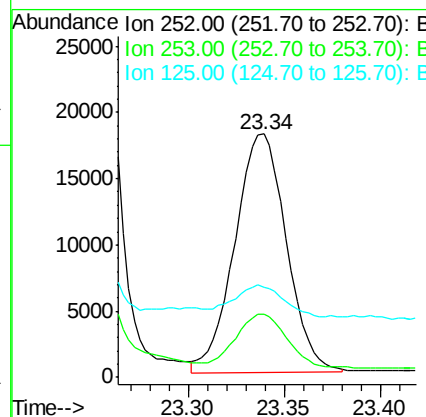
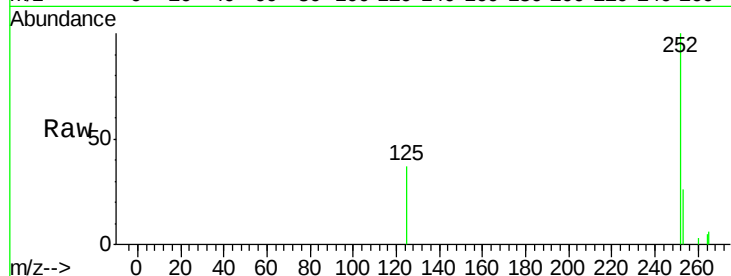
#23
Benzo(a)pyrene
Concen: 1.839 ng/ul m
RT: 23.34 min Scan# 5413
Delta R.T. -0.02 min
Lab File: BN003047.D
Acq: 10 Oct 2018 03:09

Instrument :
BNA_N
ClientSampleId :
JLC13

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	26.0	23.1	34.7
125	36.8	16.9	25.3#

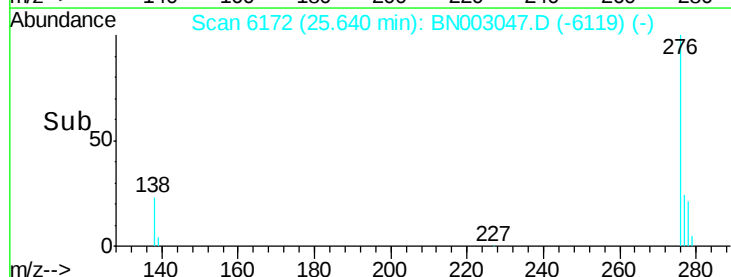
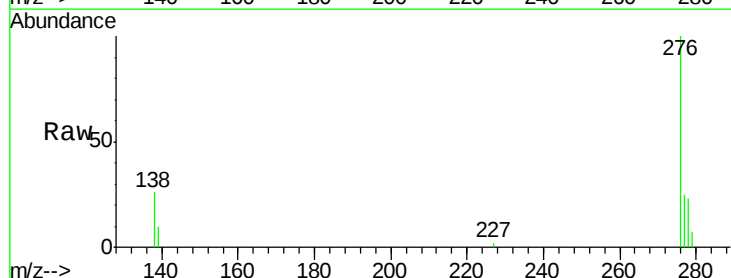
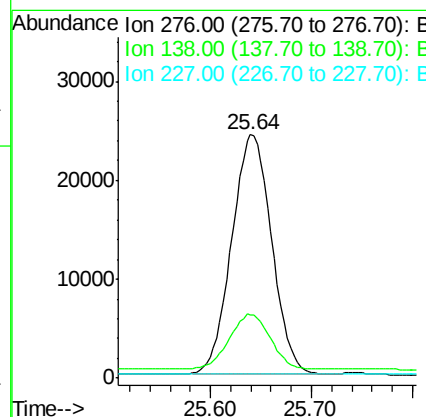
Manual Integrations
APPROVED

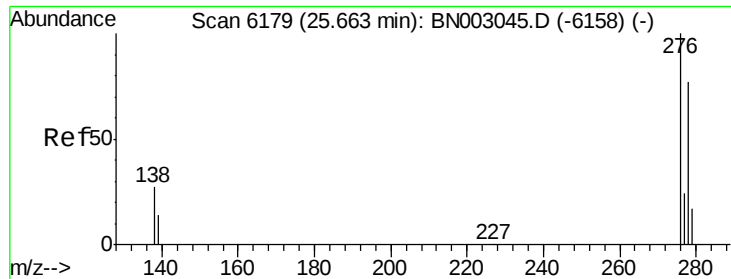
Sohil
10/10/2018 4:58:17 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 3.114 ng/ul
RT: 25.64 min Scan# 6172
Delta R.T. -0.02 min
Lab File: BN003047.D
Acq: 10 Oct 2018 03:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	23.8	21.5	32.3
227	0.2	0.3	0.5#





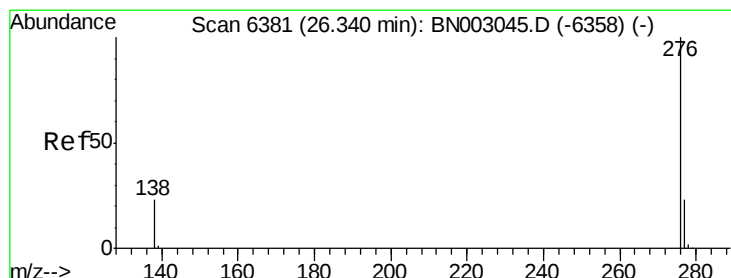
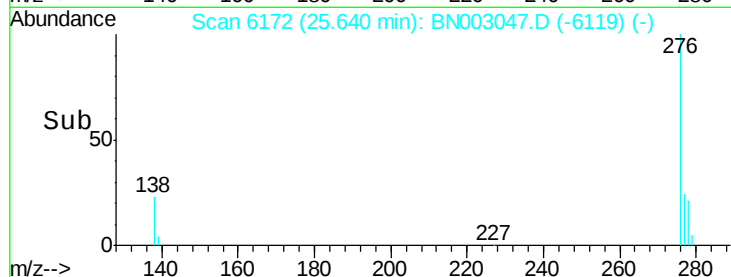
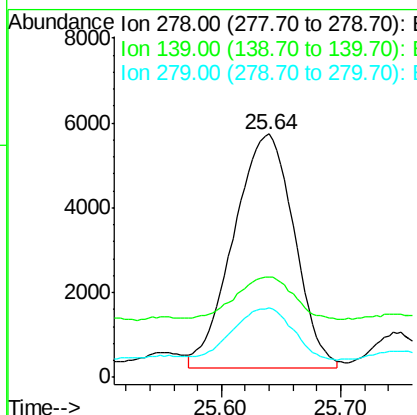
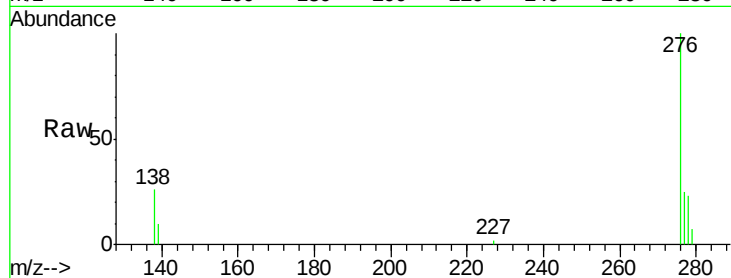
#25
Dibenzo(a,h)anthracene
Concen: 1.147 ng/ul m
RT: 25.64 min Scan# 6172
Delta R.T. -0.02 min
Lab File: BN003047.D
Acq: 10 Oct 2018 03:09

Instrument :
BNA_N
ClientSampled :
JLC13

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	19385		
139	40.9	20.2	30.4#	
279	28.8	23.8	35.8	

Manual Integrations
APPROVED

Sohil
10/10/2018 4:58:17 PM



#26
Benzo(g,h,i)perylene
Concen: 4.549 ng/ul
RT: 26.32 min Scan# 6374
Delta R.T. -0.02 min
Lab File: BN003047.D
Acq: 10 Oct 2018 03:09

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	81016		
138	25.9	23.0	34.4	
277	24.4	22.0	33.0	

