

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
 Data File : BN003015.D
 Acq On : 09 Oct 2018 07:50
 Operator : MJ/SJ
 Sample : J5115-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC66

Manual Integrations
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 10/9/2018 5:38:29 PM

Quant Time: Oct 09 09:21:20 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	1158	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	5130	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3104	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	7563m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	7829m	0.40	ng/ul	-0.02
20) Perylene-d12	23.44	264	7577m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1996	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	5940m	0.27	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.44	128	3243	0.246	ng/ul	97
5) 2-Methylnaphthalene	12.08	142	1458	0.161	ng/ul	95
7) Acenaphthylene	13.98	152	2498	0.176	ng/ul#	93
8) Acenaphthene	14.32	153	6017	0.558	ng/ul	99
9) Fluorene	15.32	166	5740	0.465	ng/ul	99
11) Pentachlorophenol	16.70	266	622m	0.847	ng/ul	
12) Phenanthrene	17.06	178	107097m	5.080	ng/ul	
13) Anthracene	17.15	178	23459m	1.178	ng/ul	
15) Fluoranthene	19.08	202	230681m	9.327	ng/ul	
17) Pyrene	19.45	202	204708	6.732	ng/ul	96
18) Benzo(a)anthracene	21.21	228	112014m	4.446	ng/ul	
19) Chrysene	21.26	228	221827m	8.671	ng/ul	
21) Benzo(b)fluoranthene	22.77	252	261753m	9.592	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	67932m	2.401	ng/ul	
23) Benzo(a)pyrene	23.34	252	99990m	4.089	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.64	276	95371m	3.394	ng/ul	
25) Dibenzo(a,h)anthracene	25.63	278	24615m	1.094	ng/ul	
26) Benzo(g,h,i)perylene	26.31	276	102525m	4.327	ng/ul	

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

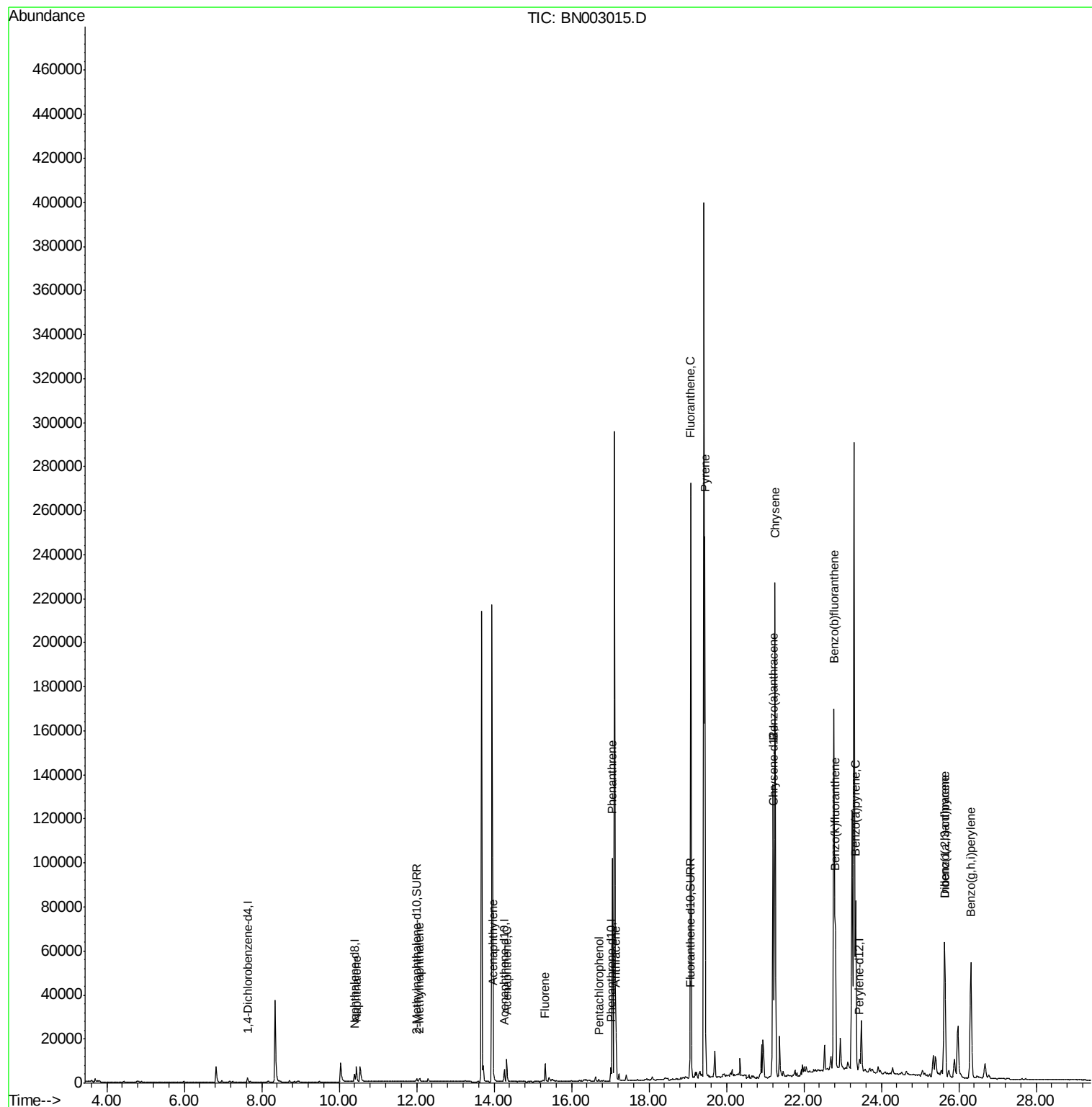
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
Data File : BN003015.D
Acq On : 09 Oct 2018 07:50
Operator : MJ/SJ
Sample : J5115-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

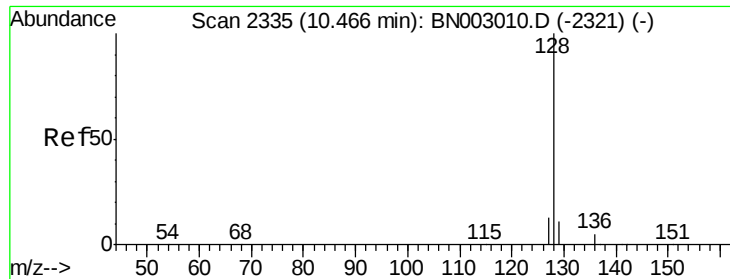
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
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QLast Update : Tue Oct 09 08:56:18 2018
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#3

Naphthalene

Concen: 0.246 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

Instrument :

BNA_N

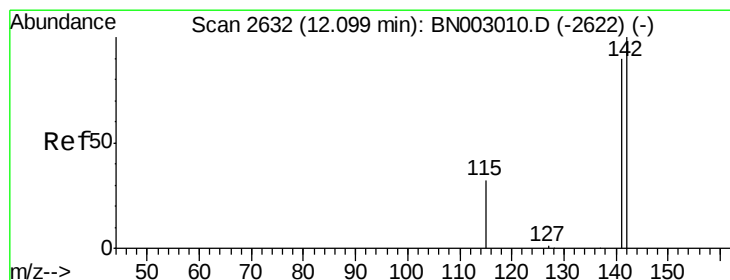
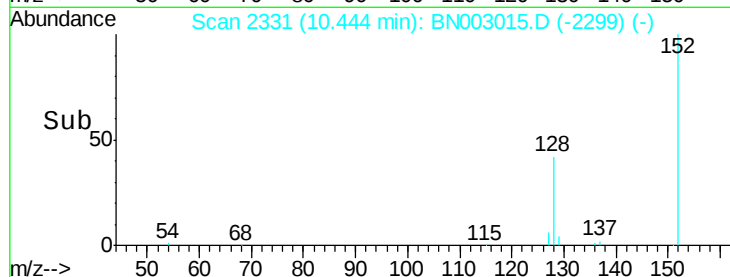
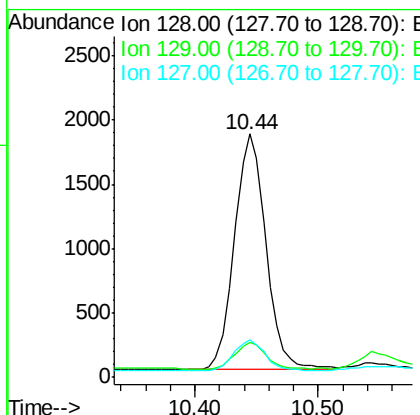
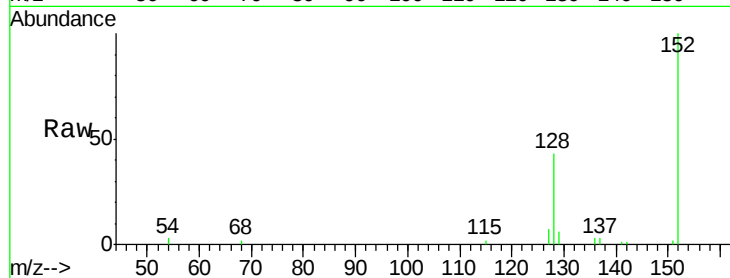
ClientSampleId :

JLC66

Tgt Ion:	128	Resp:	3243
Ion Ratio	Lower	Upper	
128	100		
129	14.3	10.4	15.6
127	15.5	11.7	17.5

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#5

2-Methylnaphthalene

Concen: 0.161 ng/ul

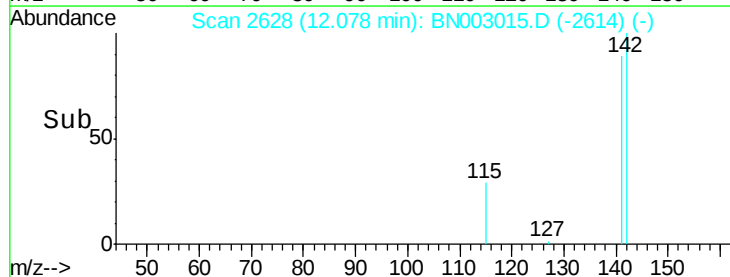
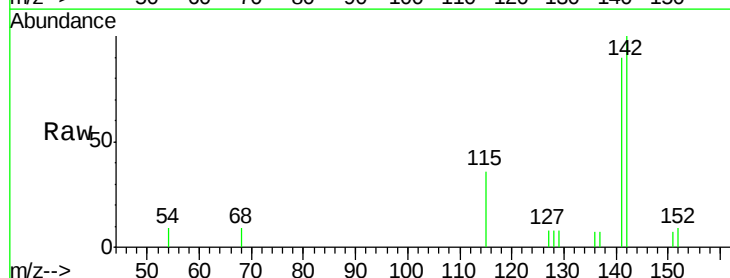
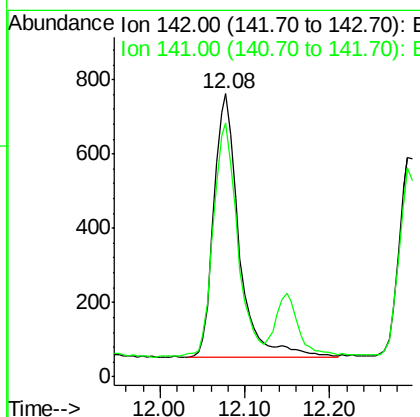
RT: 12.08 min Scan# 2628

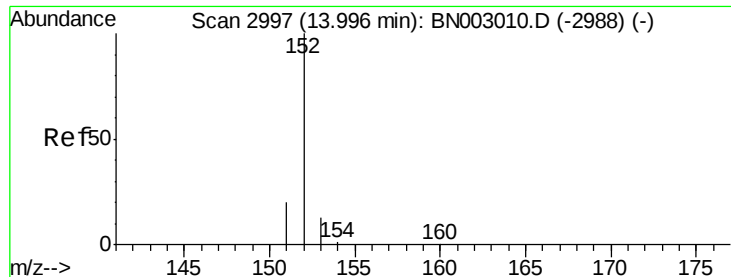
Delta R.T. -0.02 min

Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

Tgt Ion:	142	Resp:	1458
Ion Ratio	Lower	Upper	
142	100		
141	86.7	73.4	110.0





#7

Acenaphthylene

Concen: 0.176 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

Instrument :

BNA_N

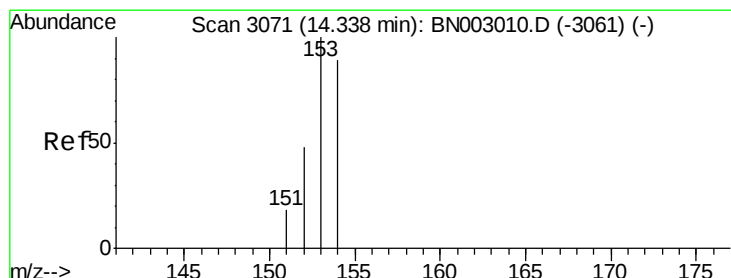
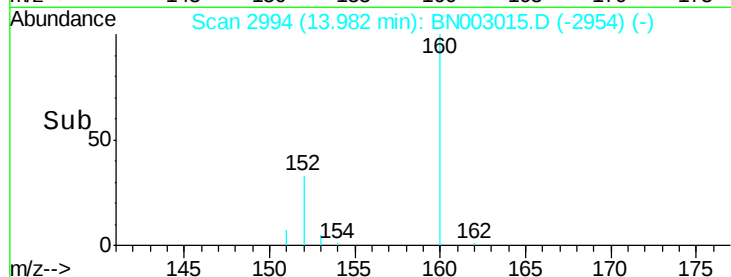
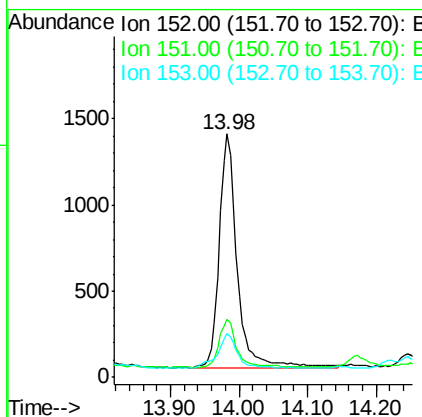
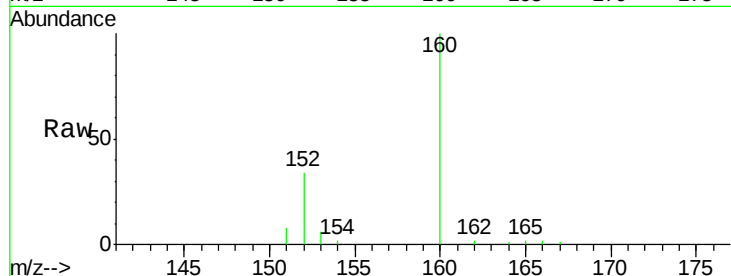
ClientSampleId :

JLC66

Tgt Ion:	152	Resp:	2498
Ion Ratio	Lower	Upper	
152	100		
151	23.7	16.5	24.7
153	17.8	11.4	17.2

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#8

Acenaphthene

Concen: 0.558 ng/ul

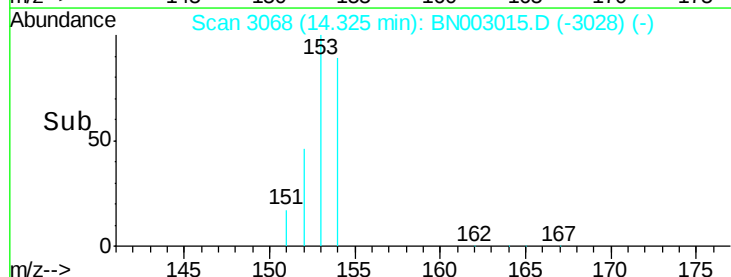
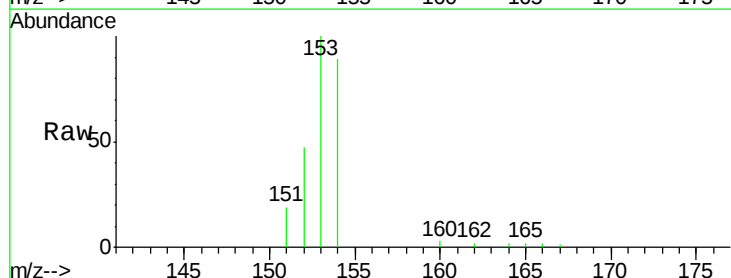
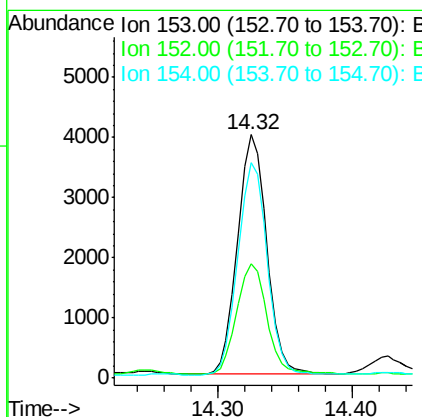
RT: 14.32 min Scan# 3068

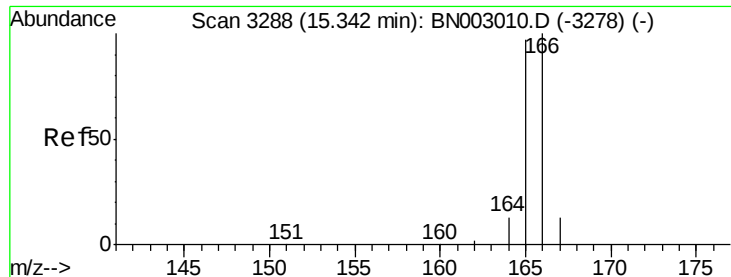
Delta R.T. -0.01 min

Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

Tgt Ion:	153	Resp:	6017
Ion Ratio	Lower	Upper	
153	100		
152	47.1	38.2	57.4
154	88.6	70.2	105.2





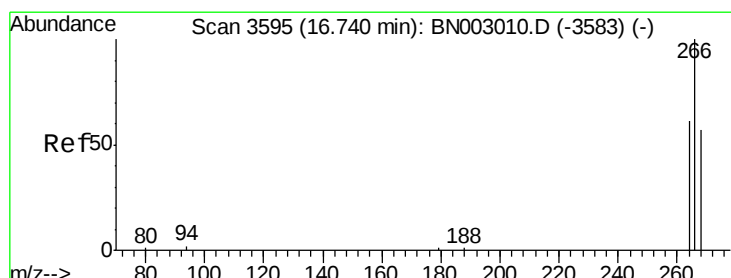
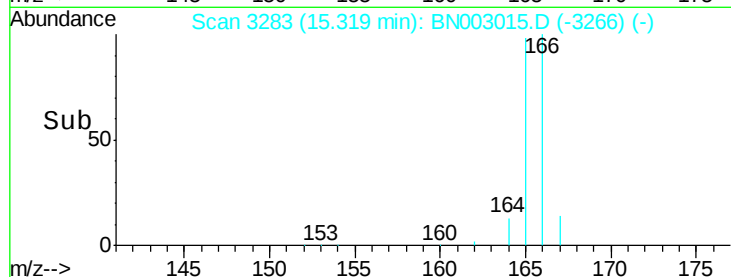
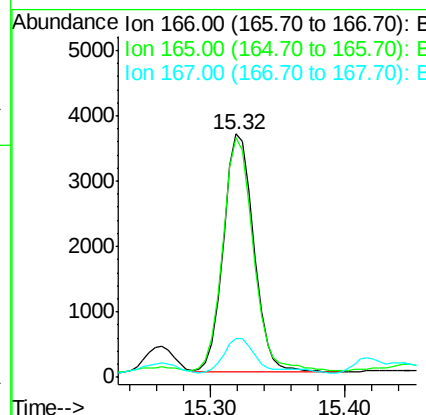
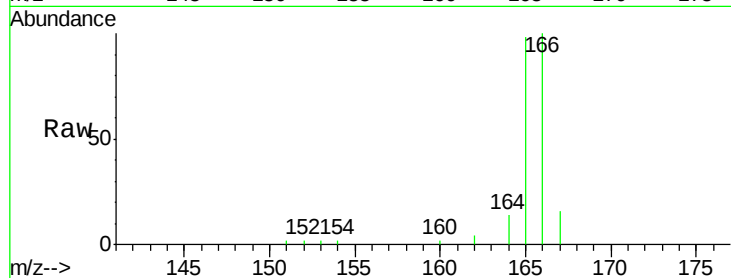
#9
Fluorene
 Concen: 0.465 ng/ul
 RT: 15.32 min Scan# 3283
 Delta R.T. -0.02 min
 Lab File: BN003015.D
 Acq: 09 Oct 2018 07:50

Instrument :
 BNA_N
 ClientSampled :
 JLC66

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.5	117.7
167	15.7	11.6	17.4

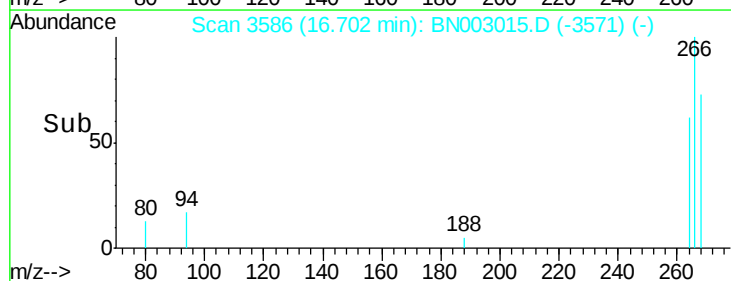
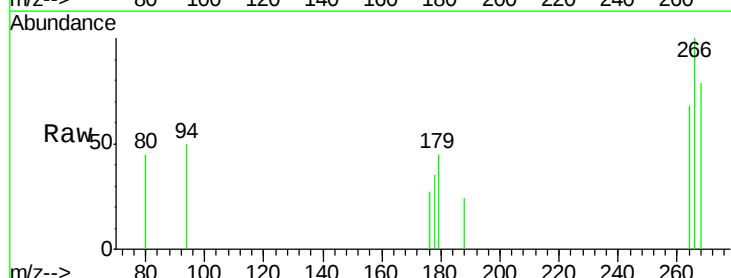
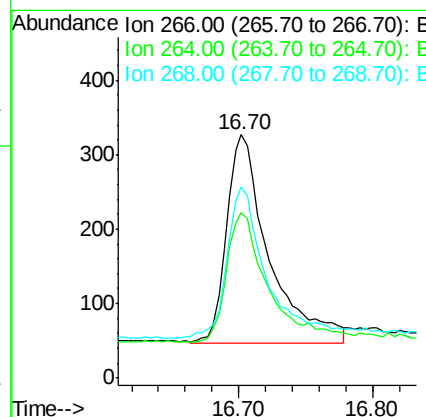
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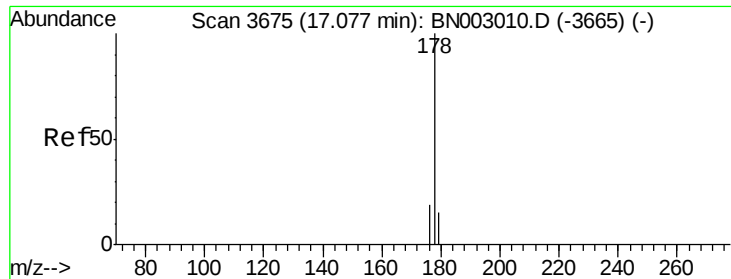
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#11
Pentachlorophenol
 Concen: 0.847 ng/ul m
 RT: 16.70 min Scan# 3586
 Delta R.T. -0.04 min
 Lab File: BN003015.D
 Acq: 09 Oct 2018 07:50

Tgt Ion	Ratio	Lower	Upper
266	100		
264	1.3	52.5	78.7#
268	0.6	48.6	72.8#





#12

Phenanthrene

Concen: 5.080 ng/ul m

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003015.D

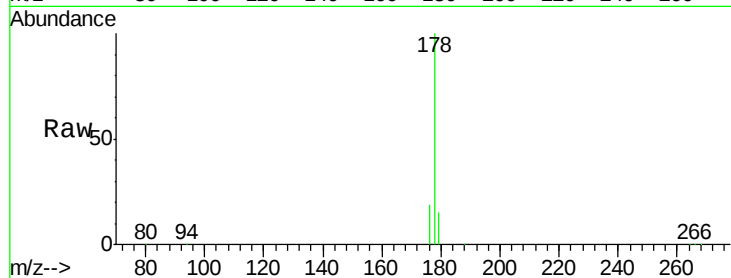
Acq: 09 Oct 2018 07:50

Instrument :

BNA_N

ClientSampled :

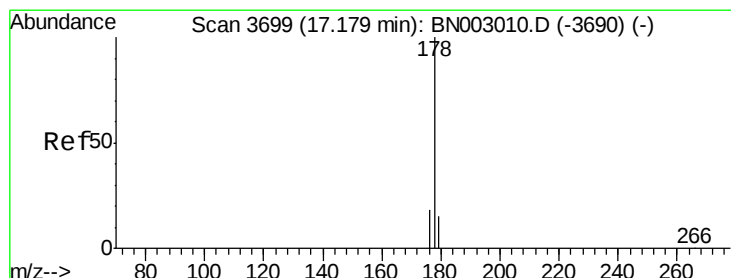
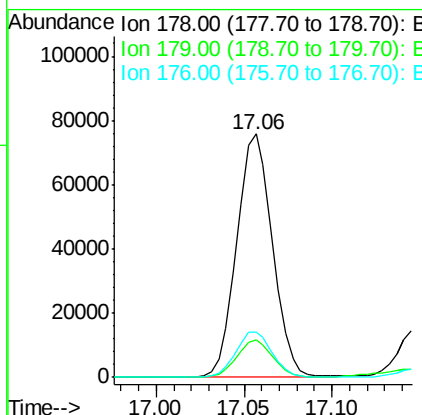
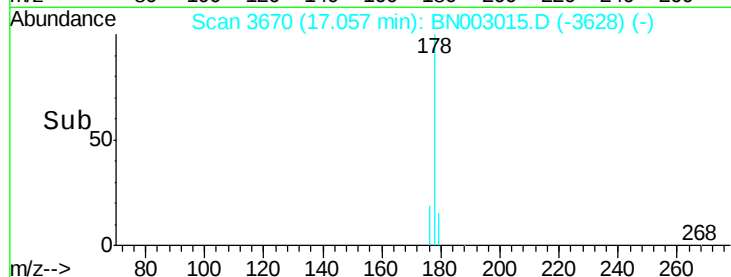
JLC66



Tgt Ion:	178	Resp:	107097
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.9	19.3
176	18.6	15.4	23.2

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#13

Anthracene

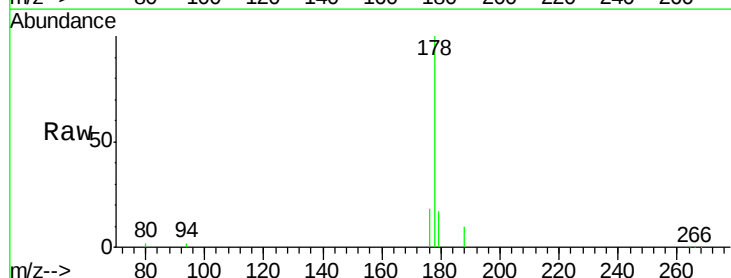
Concen: 1.178 ng/ul m

RT: 17.15 min Scan# 3692

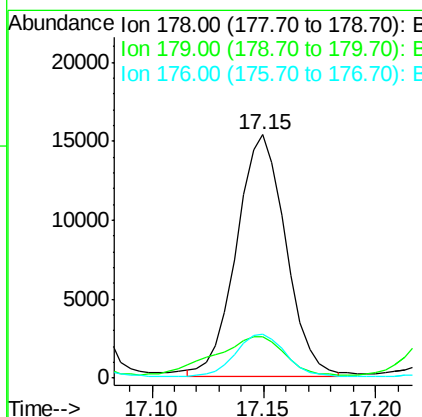
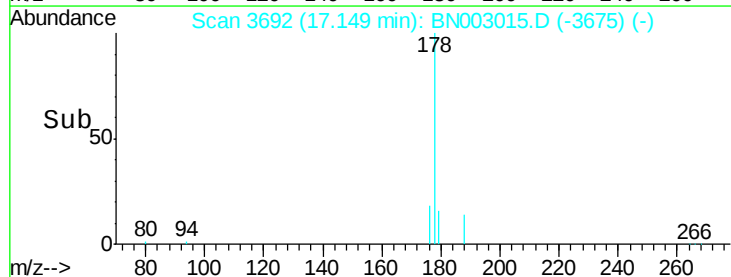
Delta R.T. -0.03 min

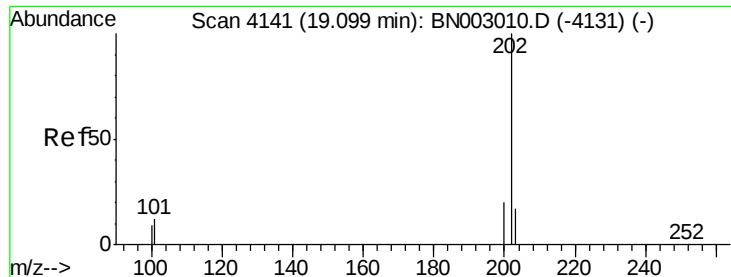
Lab File: BN003015.D

Acq: 09 Oct 2018 07:50



Tgt Ion:	178	Resp:	23459
Ion Ratio	Lower	Upper	
178	100		
179	16.8	13.0	19.6
176	18.3	15.3	22.9





#15

Fluoranthene

Concen: 9.327 ng/ul m

RT: 19.08 min Scan# 4137

Delta R.T. -0.02 min

Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

Instrument :

BNA_N

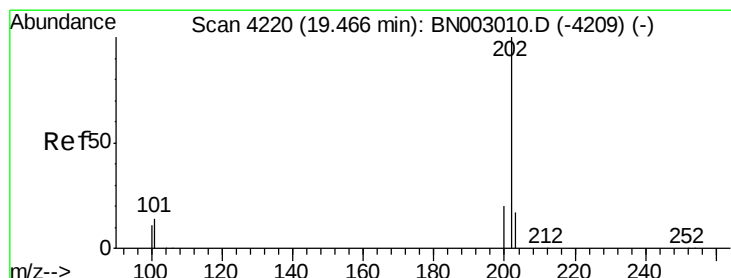
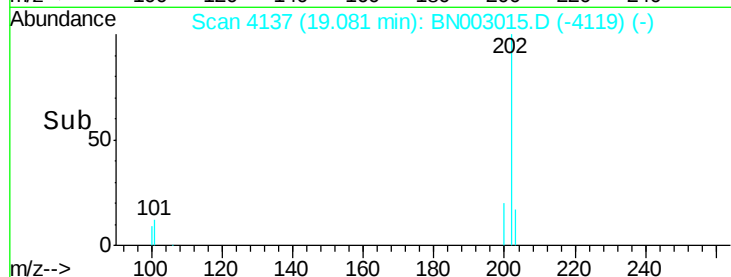
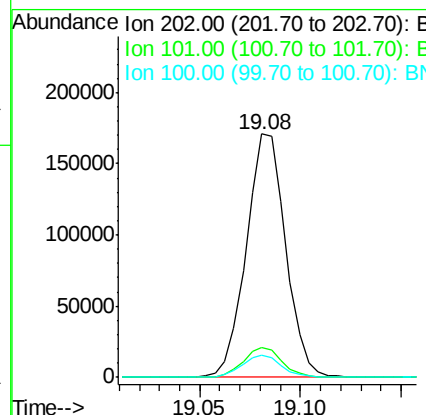
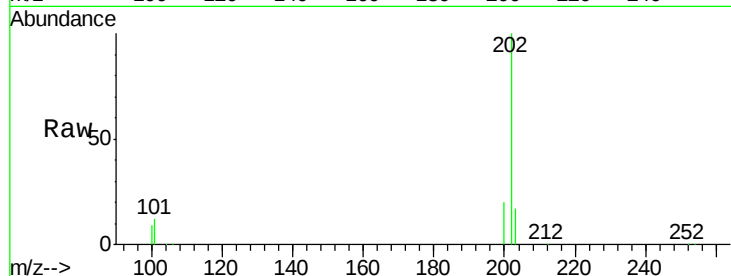
ClientSampleId :

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Tgt Ion:	202	Resp:	230681
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	32.3
100	9.2	0.0	29.1

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#17

Pyrene

Concen: 6.732 ng/ul

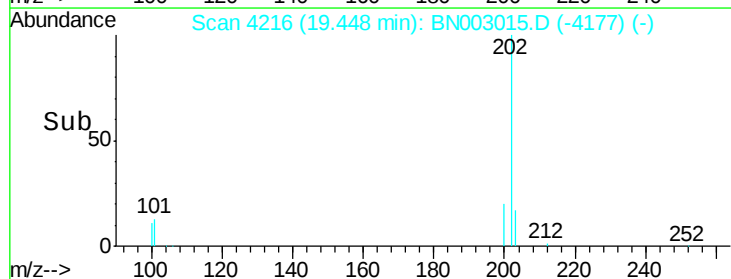
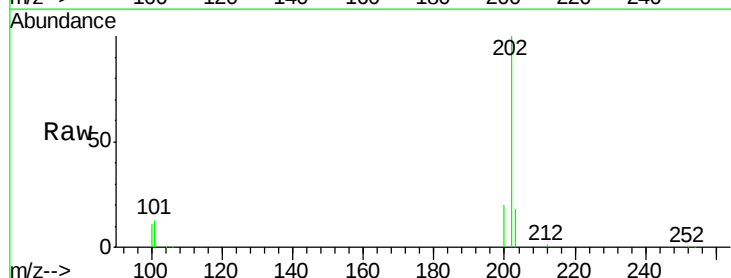
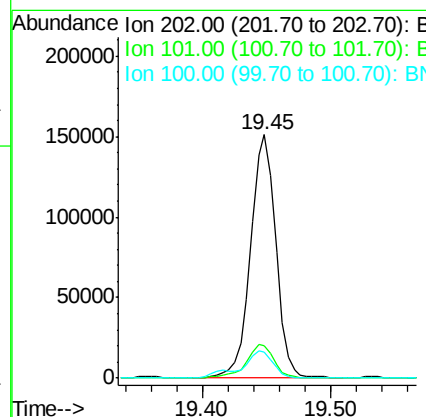
RT: 19.45 min Scan# 4216

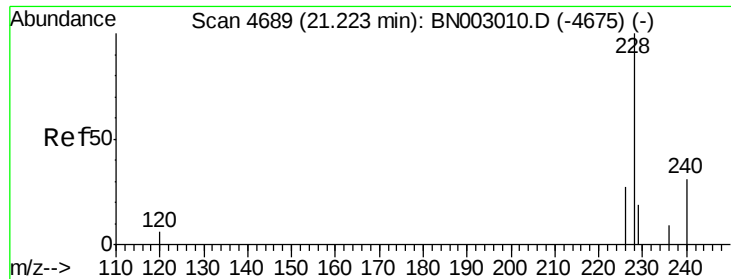
Delta R.T. -0.02 min

Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

Tgt Ion:	202	Resp:	204708
Ion Ratio	Lower	Upper	
202	100		
101	13.3	11.9	17.9
100	10.6	9.9	14.9





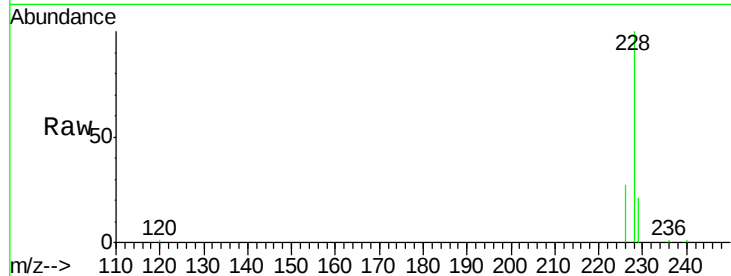
#18
Benzo(a)anthracene
Concen: 4.446 ng/ul m
RT: 21.21 min Scan# 4683
Delta R.T. -0.02 min
Lab File: BN003015.D
Acq: 09 Oct 2018 07:50

Instrument :
BNA_N
ClientSampleId :
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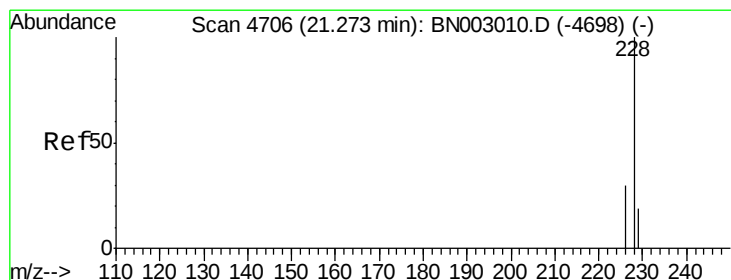
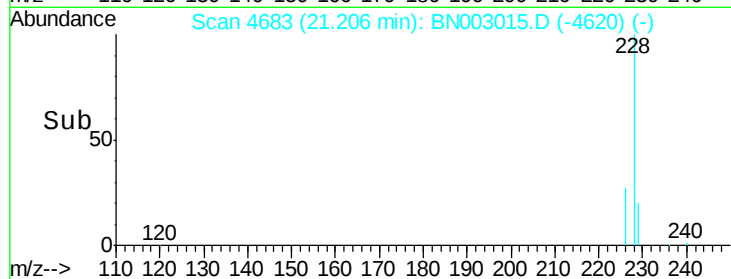
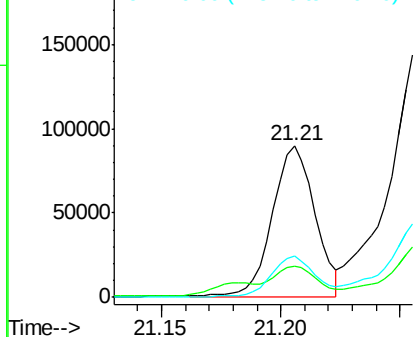
Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.2	24.2
226	27.2	22.3	33.5

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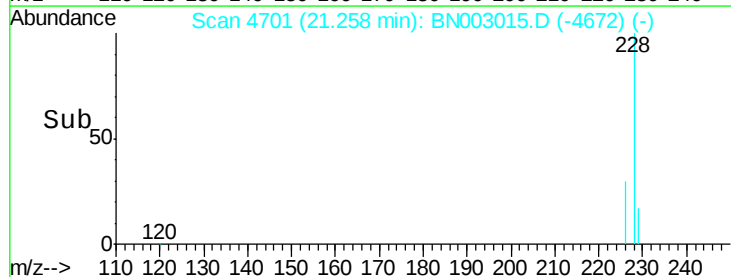
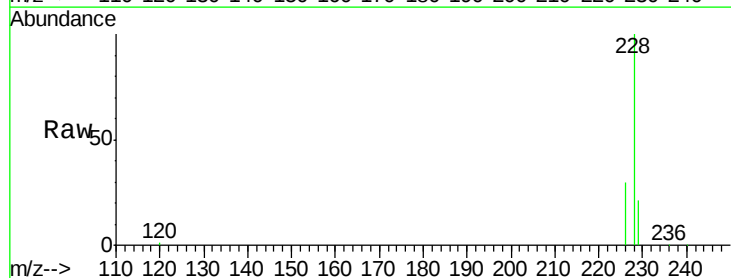
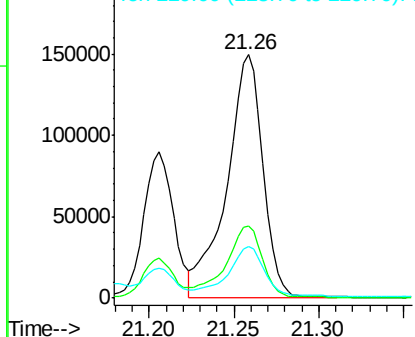
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

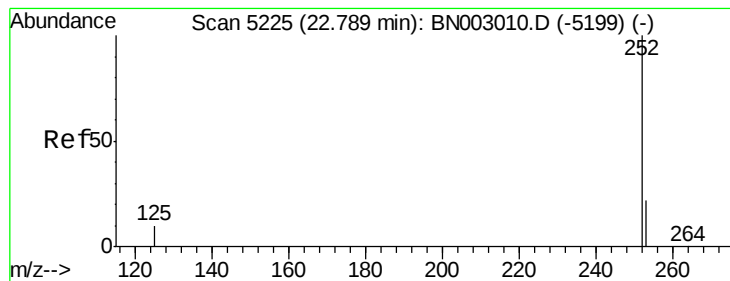


#19
Chrysene
Concen: 8.671 ng/ul m
RT: 21.26 min Scan# 4701
Delta R.T. -0.01 min
Lab File: BN003015.D
Acq: 09 Oct 2018 07:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	21.1	16.7	25.1

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 9.592 ng/ul m

RT: 22.77 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN003015.D

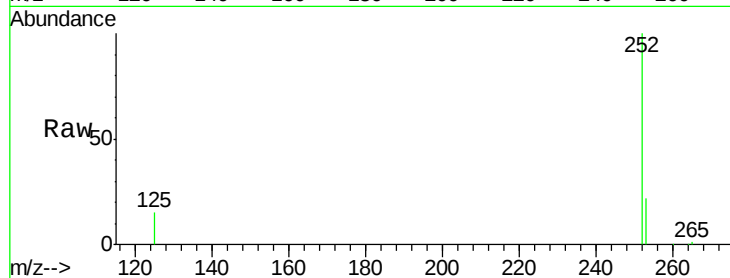
Acq: 09 Oct 2018 07:50

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BNA_N

ClientSampleId :

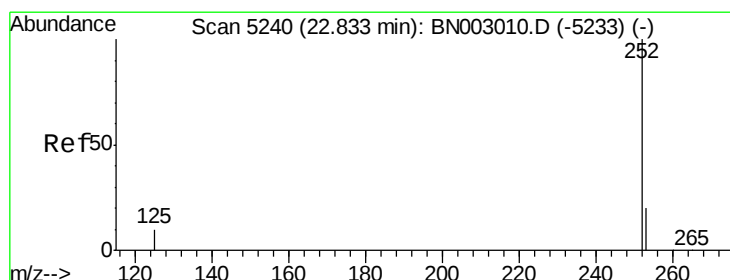
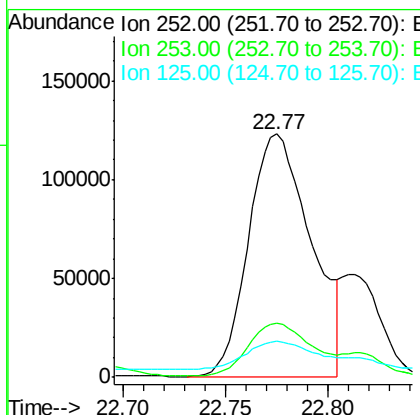
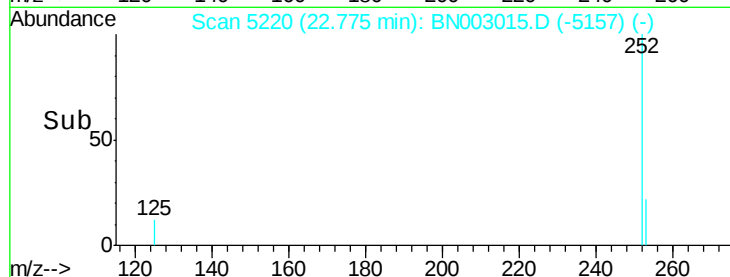
JLC66



Tgt Ion:	252	Resp:	261753
Ion Ratio	Lower	Upper	
252	100		
253	22.4	0.0	53.2
125	14.7	0.0	34.2

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#22

Benzo(k)fluoranthene

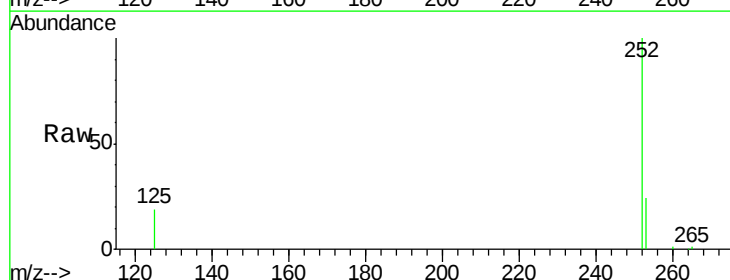
Concen: 2.401 ng/ul m

RT: 22.81 min Scan# 5233

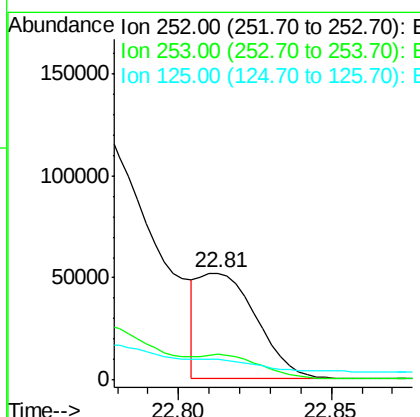
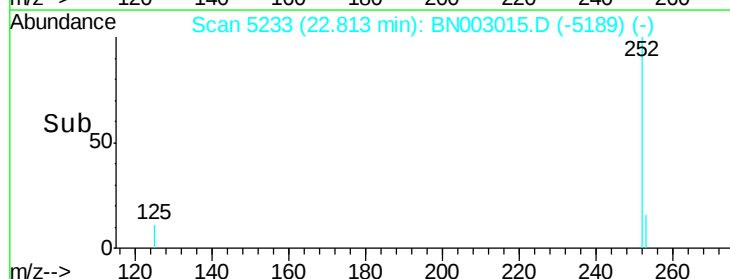
Delta R.T. -0.02 min

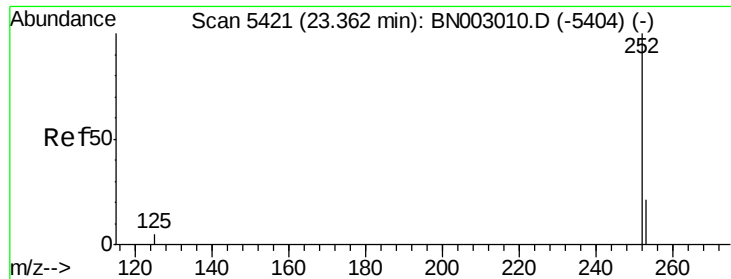
Lab File: BN003015.D

Acq: 09 Oct 2018 07:50



Tgt Ion:	252	Resp:	67932
Ion Ratio	Lower	Upper	
252	100		
253	23.8	21.3	31.9
125	19.1	14.1	21.1





#23

Benzo(a)pyrene

Concen: 4.089 ng/ul m

RT: 23.34 min Scan# 5413

Delta R.T. -0.02 min

Lab File: BN003015.D

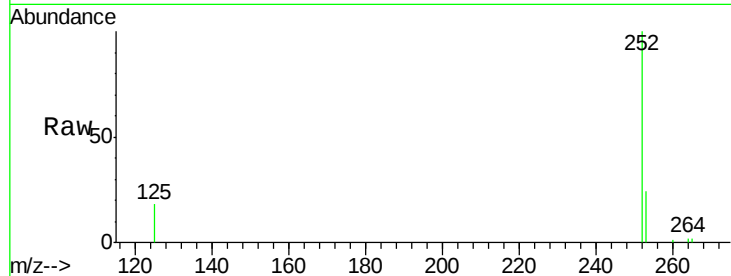
Acq: 09 Oct 2018 07:50

Instrument :

BNA_N

ClientSampleId :

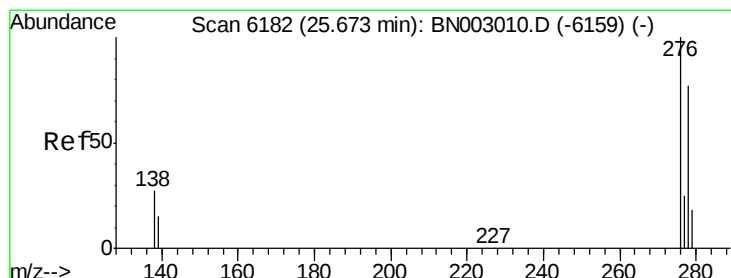
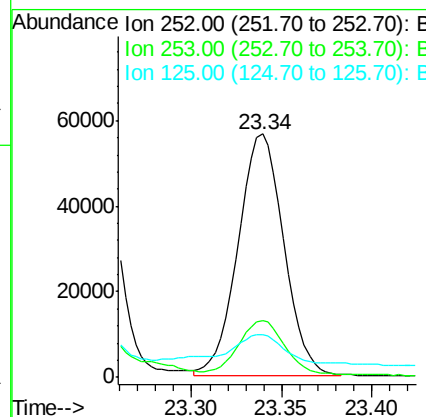
JLC66



Tgt Ion:	252	Resp:	99990
Ion Ratio	Lower	Upper	
252	100		
253	23.5	23.1	34.7
125	17.5	16.9	25.3

Manual Integrations
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Sohil
10/9/2018 5:38:29 PM



#24

Indeno(1,2,3-cd)pyrene

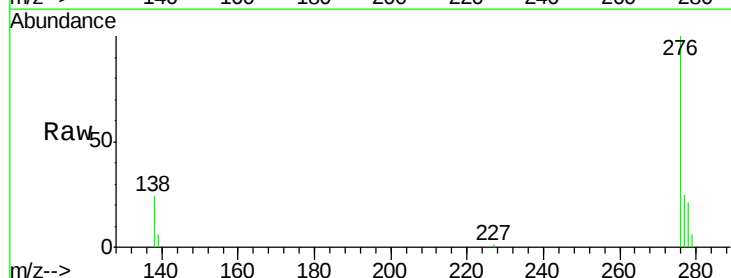
Concen: 3.394 ng/ul m

RT: 25.64 min Scan# 6172

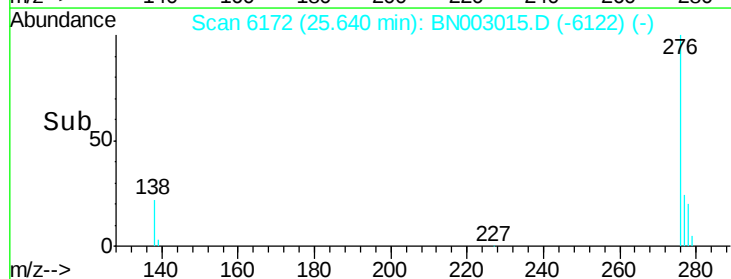
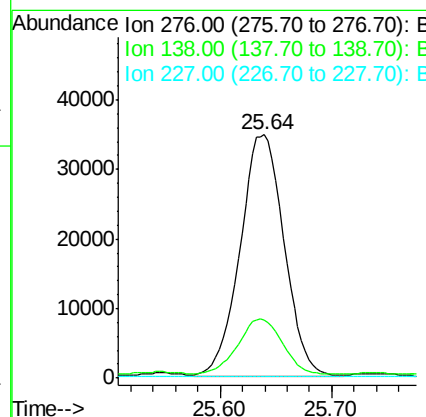
Delta R.T. -0.03 min

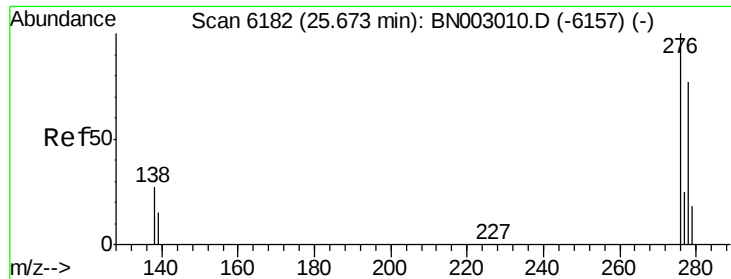
Lab File: BN003015.D

Acq: 09 Oct 2018 07:50



Tgt Ion:	276	Resp:	95371
Ion Ratio	Lower	Upper	
276	100		
138	6.1	21.5	32.3#
227	0.0	0.3	0.5#





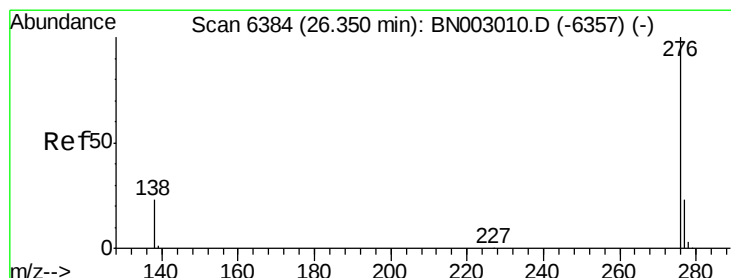
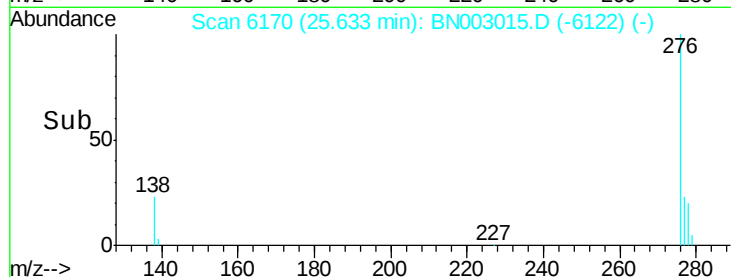
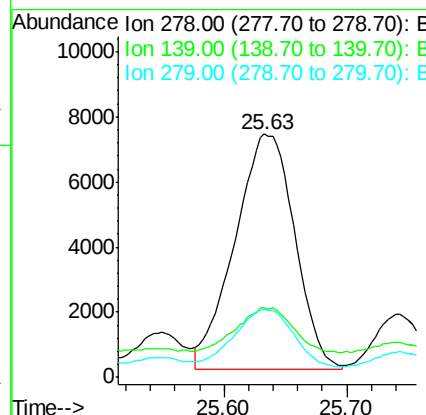
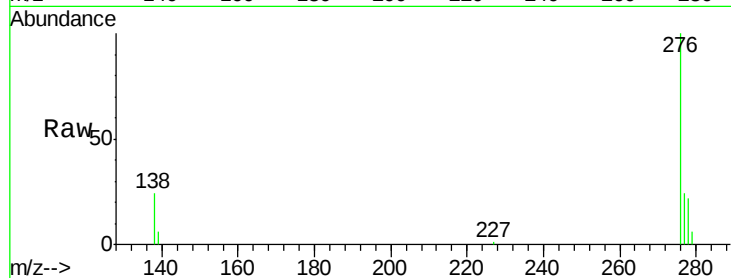
#25
Dibenzo(a,h)anthracene
Concen: 1.094 ng/ul m
RT: 25.63 min Scan# 6170
Delta R.T. -0.04 min
Lab File: BN003015.D
Acq: 09 Oct 2018 07:50

Instrument :
BNA_N
ClientSampleId :
JLC66

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	24615		
139	28.7	20.2	30.4	
279	28.1	23.8	35.8	

Manual Integrations
APPROVED

Sohil
10/9/2018 5:38:29 PM



#26
Benzo(g,h,i)perylene
Concen: 4.327 ng/ul m
RT: 26.31 min Scan# 6373
Delta R.T. -0.04 min
Lab File: BN003015.D
Acq: 09 Oct 2018 07:50

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	102525		
138	24.9	23.0	34.4	
277	24.3	22.0	33.0	

