

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
 Data File : BN003051.D
 Acq On : 10 Oct 2018 05:30
 Operator : MJ/SJ
 Sample : J5115-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC61

Manual Integrations
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Quant Time: Oct 10 09:10:34 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	1907	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7930	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	4419	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9507m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	6100m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	5633	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	2605	0.21	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	5457m	0.20	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	1711	0.084	ng/ul#	91
5) 2-Methylnaphthalene	12.07	142	638	0.046	ng/ul	95
7) Acenaphthylene	13.98	152	893	0.044	ng/ul#	71
8) Acenaphthene	14.32	153	1232	0.080	ng/ul	97
9) Fluorene	15.32	166	1132	0.064	ng/ul#	95
11) Pentachlorophenol	16.72	266	106m	0.115	ng/ul	
12) Phenanthrene	17.06	178	21272	0.803	ng/ul	99
13) Anthracene	17.15	178	4169m	0.167	ng/ul	
15) Fluoranthene	19.09	202	51154m	1.645	ng/ul	
17) Pyrene	19.45	202	51497m	2.174	ng/ul	
18) Benzo(a)anthracene	21.21	228	25511	1.300	ng/ul	98
19) Chrysene	21.26	228	42334	2.124	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	55080m	2.715	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	14957m	0.711	ng/ul	
23) Benzo(a)pyrene	23.34	252	20792	1.144	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.64	276	19959	0.955	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	5423	0.324	ng/ul#	82
26) Benzo(g,h,i)perylene	26.32	276	22580	1.282	ng/ul	96

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

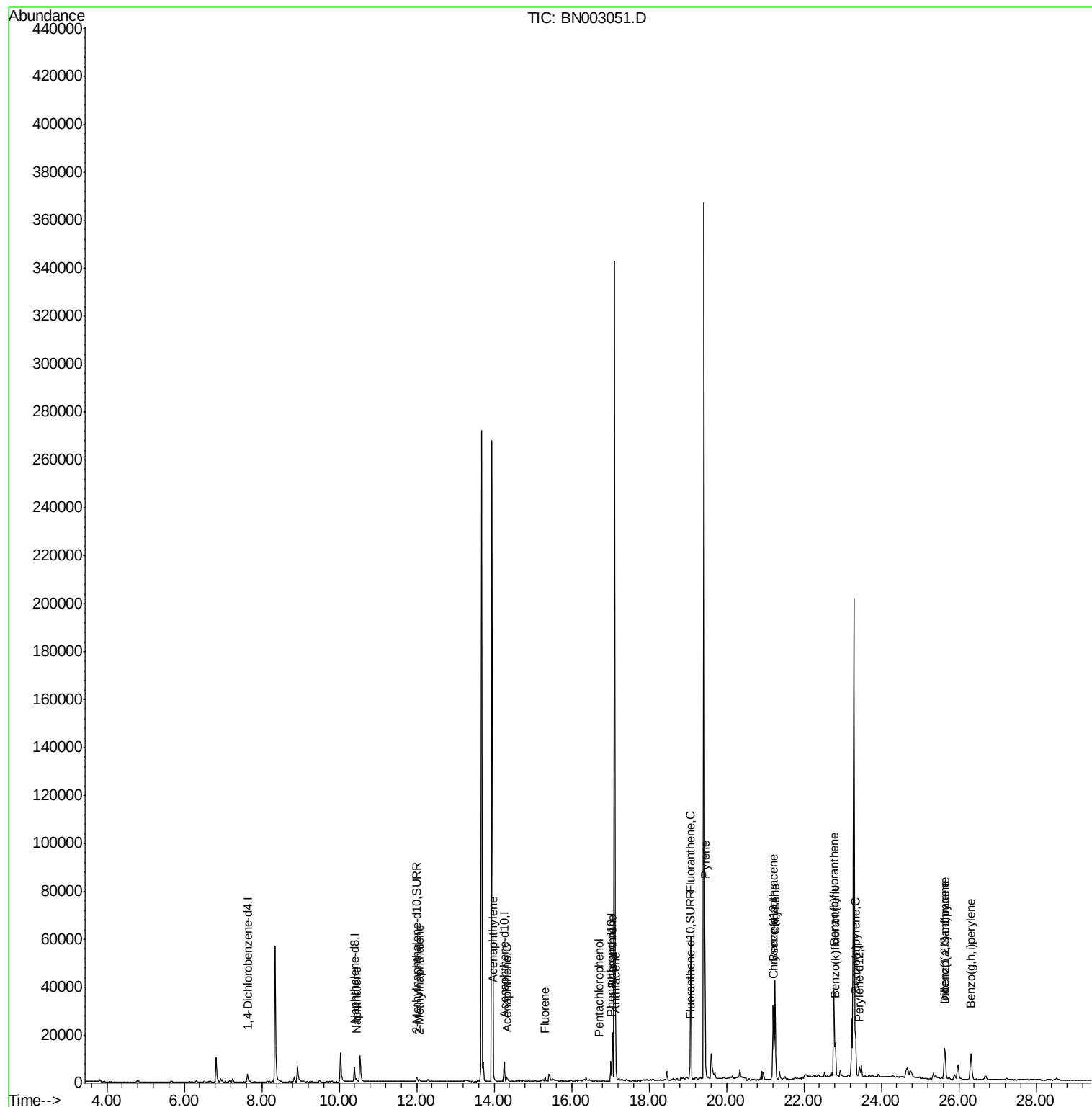
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
Data File : BN003051.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

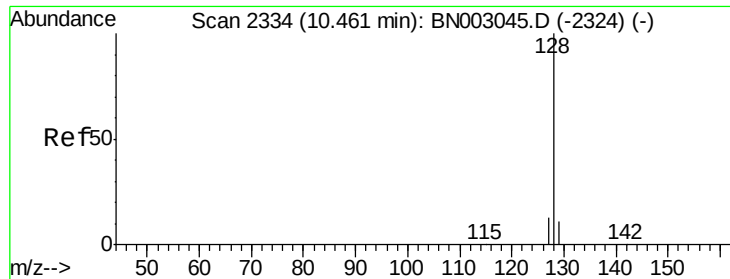
Instrument :
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JLC61

Quant Time: Oct 10 09:10:34 2018
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#3

Naphthalene

Concen: 0.084 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

Instrument :

BNA_N

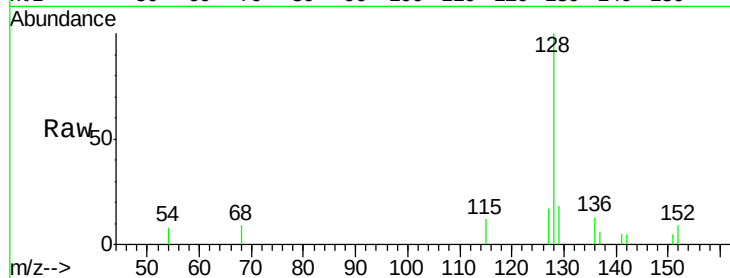
ClientSampleId :

JLC61

Tgt Ion:	128	Resp:	1711
Ion Ratio	Lower	Upper	
128	100		
129	17.8	10.4	15.6#
127	17.2	11.7	17.5

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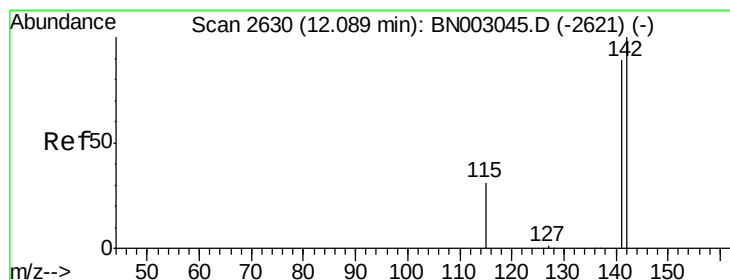
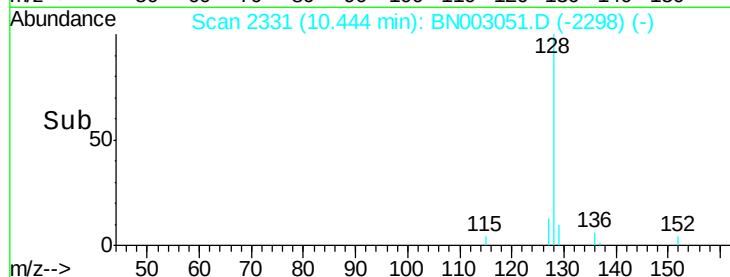
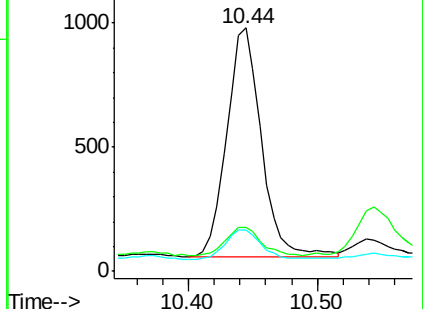
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.046 ng/ul

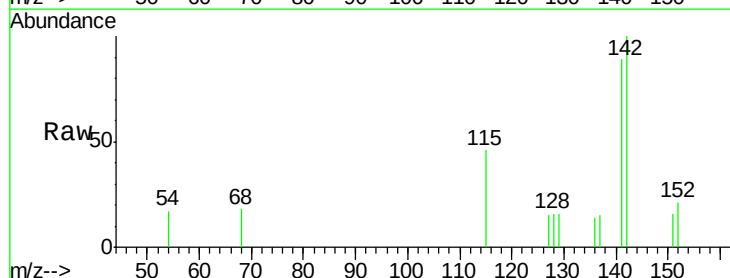
RT: 12.07 min Scan# 2627

Delta R.T. -0.02 min

Lab File: BN003051.D

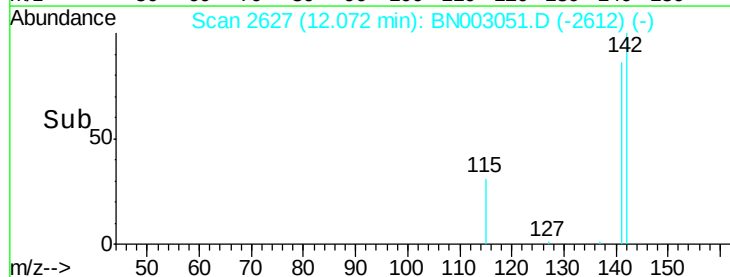
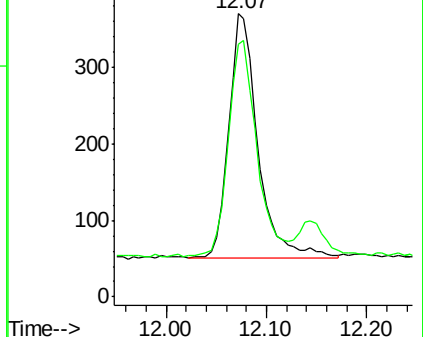
Acq: 10 Oct 2018 05:30

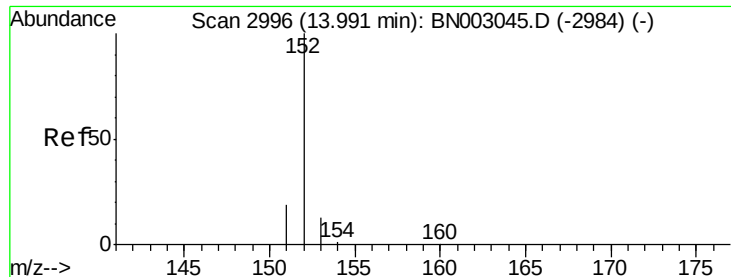
Tgt Ion:	142	Resp:	638
Ion Ratio	Lower	Upper	
142	100		
141	86.8	73.4	110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.044 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

Instrument :

BNA_N

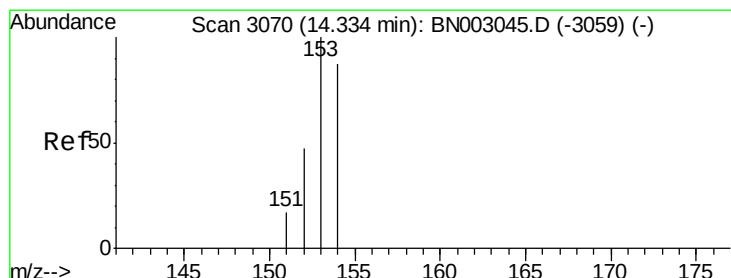
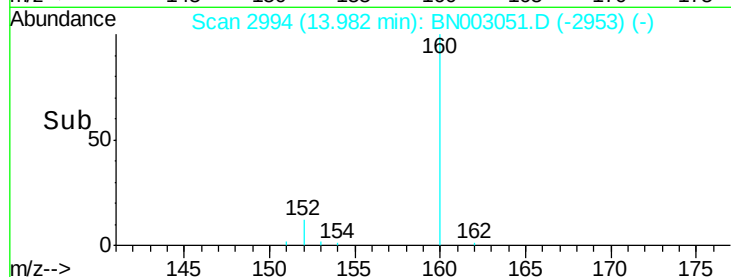
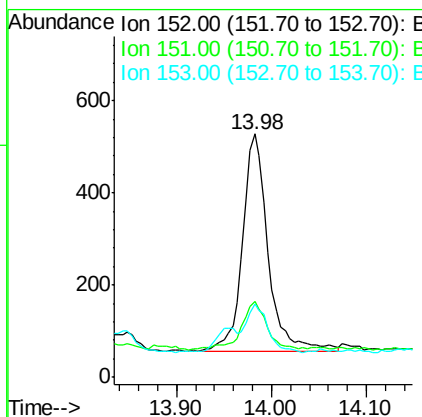
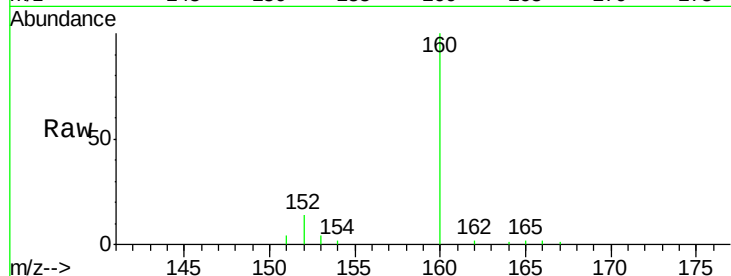
ClientSampleId :

JLC61

Tgt Ion	Ratio	Lower	Upper
152	100		
151	31.1	16.5	24.7#
153	30.1	11.4	17.2#

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#8

Acenaphthene

Concen: 0.080 ng/ul

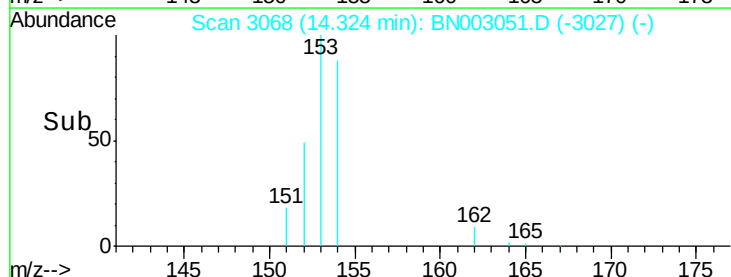
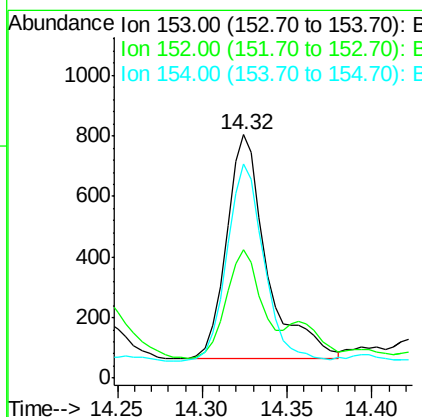
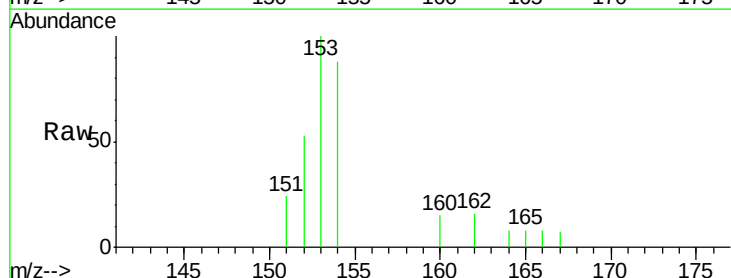
RT: 14.32 min Scan# 3068

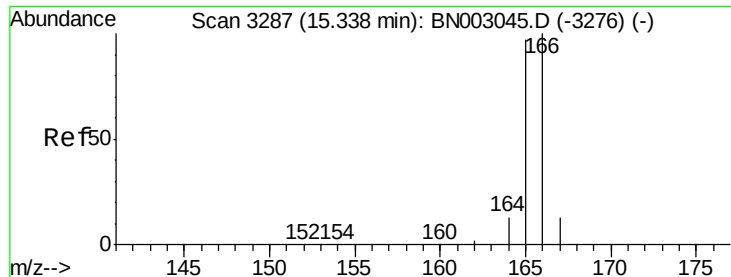
Delta R.T. -0.01 min

Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.7	38.2	57.4
154	87.9	70.2	105.2





#9

Fluorene

Concen: 0.064 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

Instrument :

BNA_N

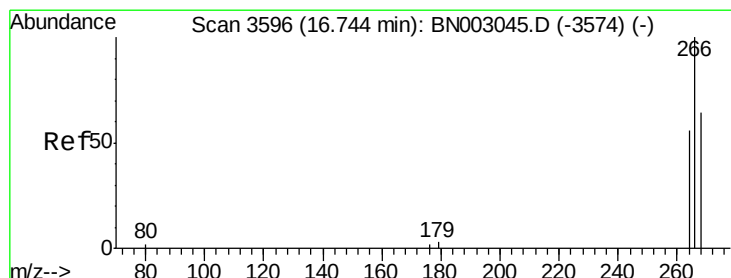
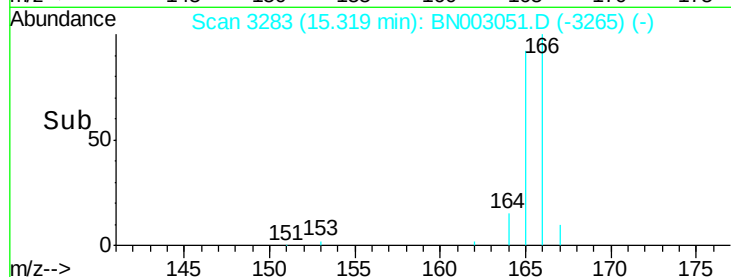
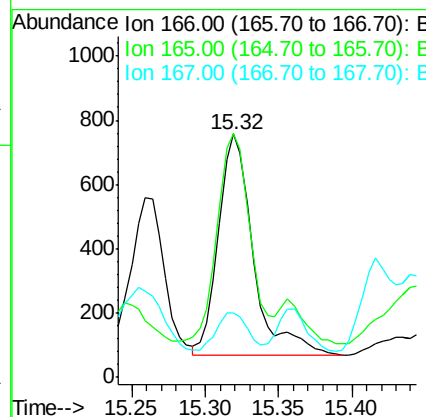
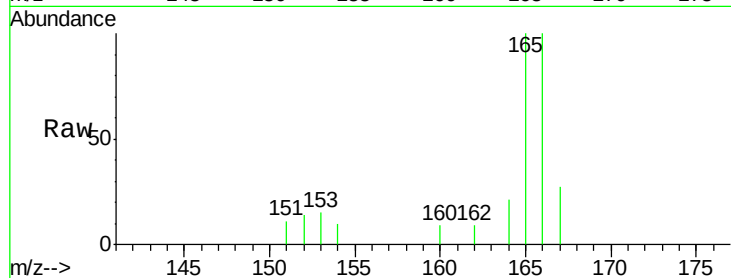
ClientSampled :

JLC61

Tgt Ion:	166	Resp:	1132
Ion Ratio	Lower	Upper	
166	100		
165	100.0	78.5	117.7
167	26.5	11.6	17.4#

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#11

Pentachlorophenol

Concen: 0.115 ng/ul m

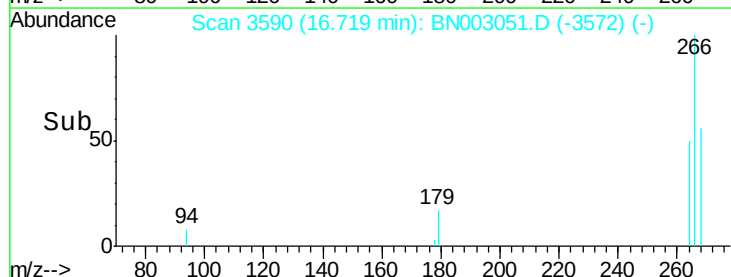
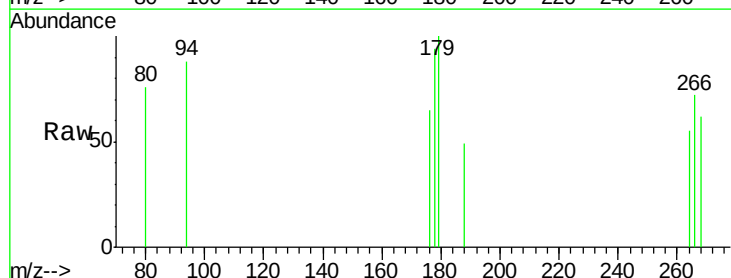
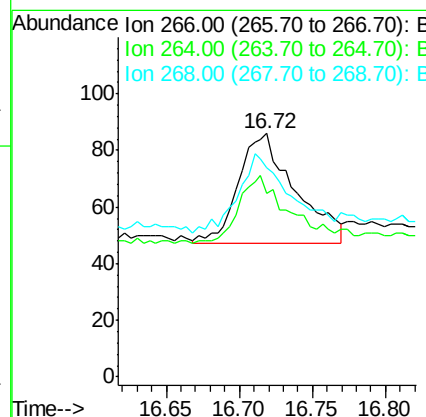
RT: 16.72 min Scan# 3590

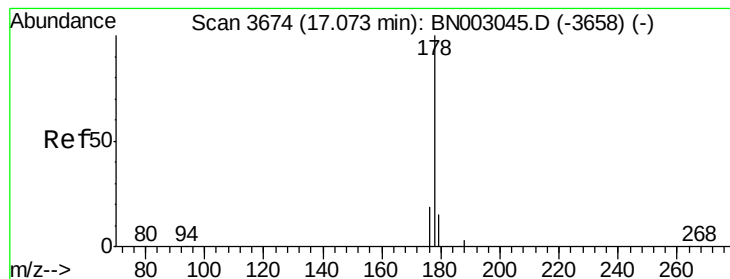
Delta R.T. -0.03 min

Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

Tgt Ion:	266	Resp:	106
Ion Ratio	Lower	Upper	
266	100		
264	1.9	52.5	78.7#
268	1.9	48.6	72.8#





#12

Phenanthrene

Concen: 0.803 ng/ul

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

Instrument :

BNA_N

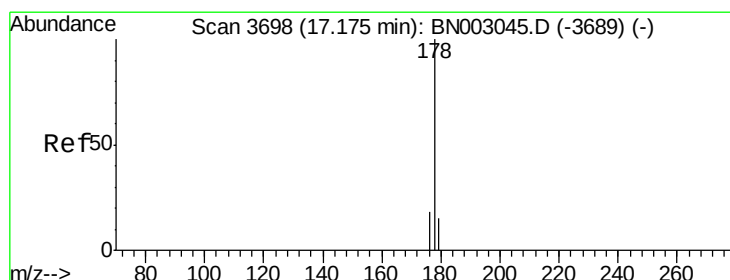
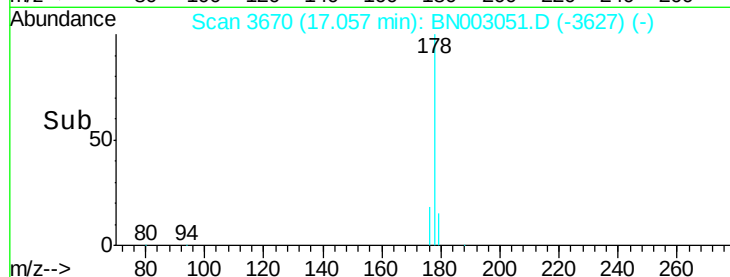
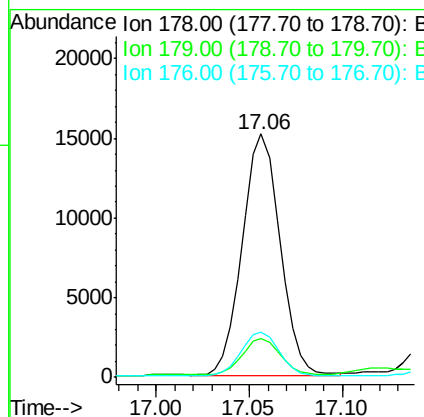
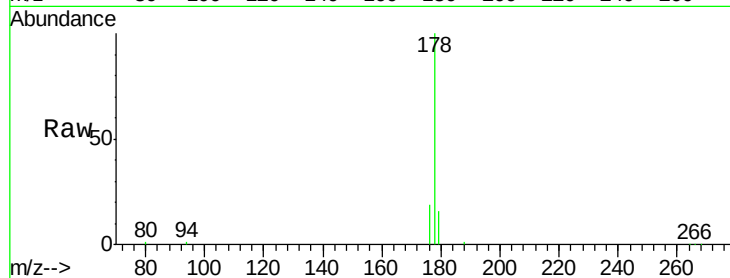
ClientSampleId :

JLC61

Tgt Ion:	178	Resp:	21272
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.9	19.3
176	18.8	15.4	23.2

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#13

Anthracene

Concen: 0.167 ng/ul m

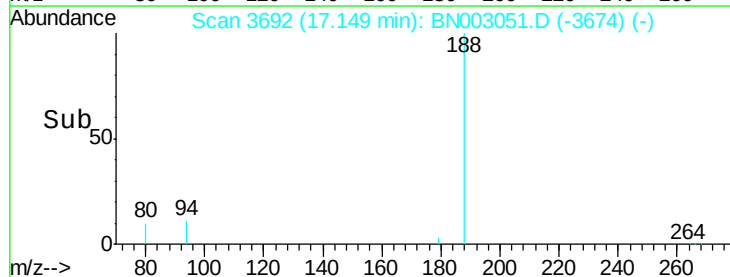
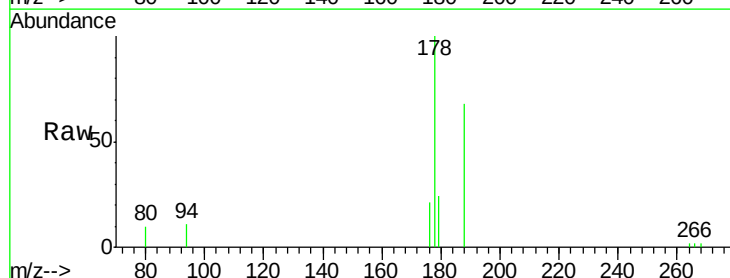
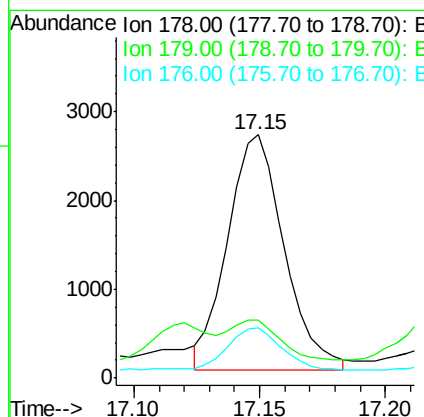
RT: 17.15 min Scan# 3692

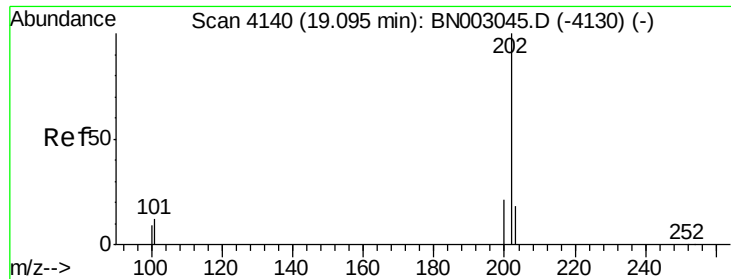
Delta R.T. -0.03 min

Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

Tgt Ion:	178	Resp:	4169
Ion Ratio	Lower	Upper	
178	100		
179	23.7	13.0	19.6#
176	20.6	15.3	22.9





#15

Fluoranthene

Concen: 1.645 ng/ul m

RT: 19.09 min Scan# 4138

Delta R.T. -0.01 min

Lab File: BN003051.D

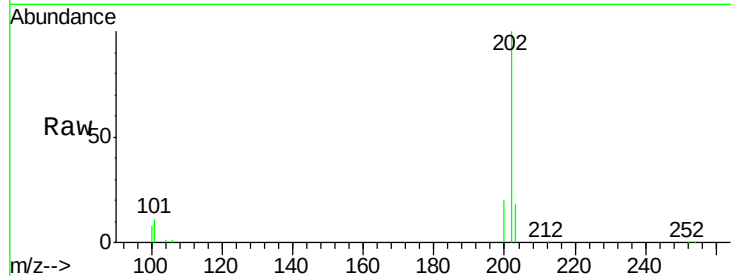
Acq: 10 Oct 2018 05:30

Instrument :

BNA_N

ClientSampleId :

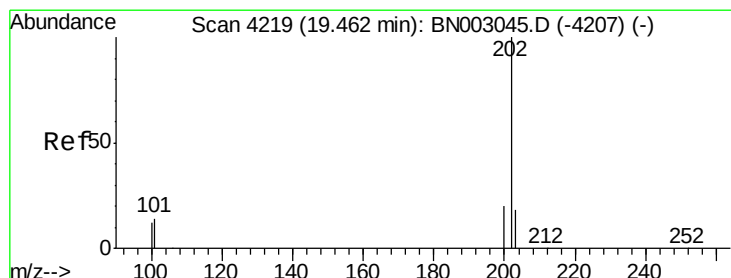
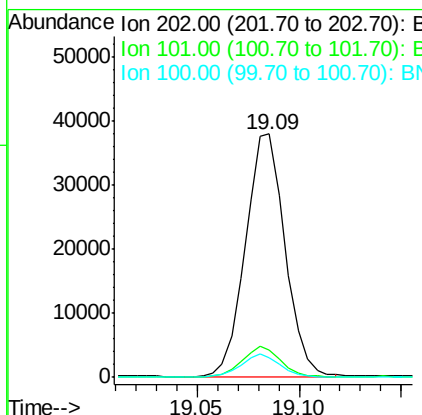
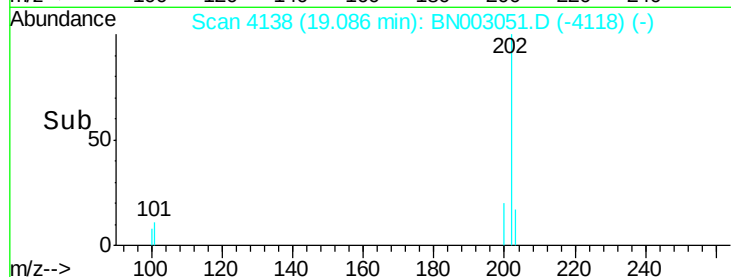
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	51154		
101	11.5	0.0	32.3	
100	8.3	0.0	29.1	

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#17

Pyrene

Concen: 2.174 ng/ul m

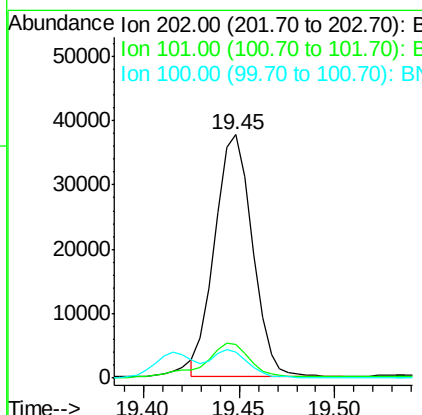
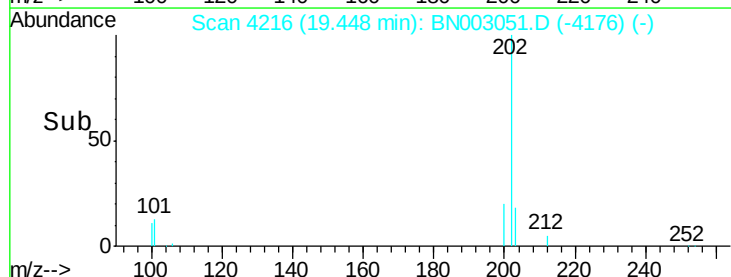
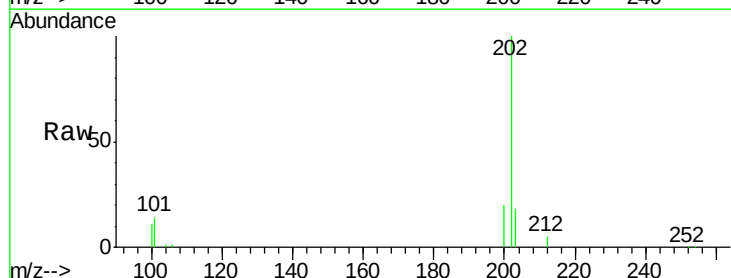
RT: 19.45 min Scan# 4216

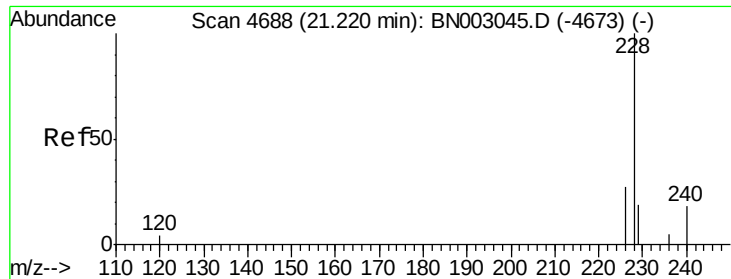
Delta R.T. -0.01 min

Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	51497		
101	13.6	11.9	17.9	
100	10.8	9.9	14.9	





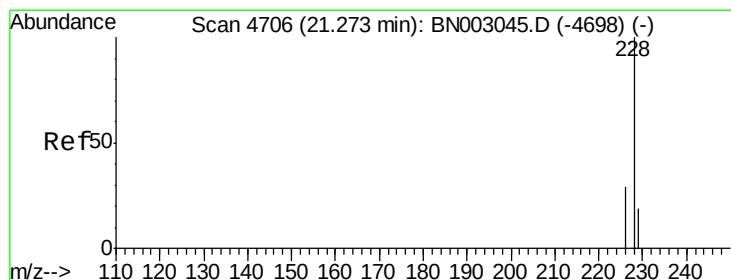
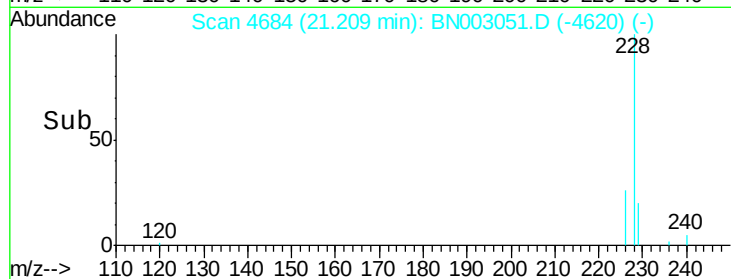
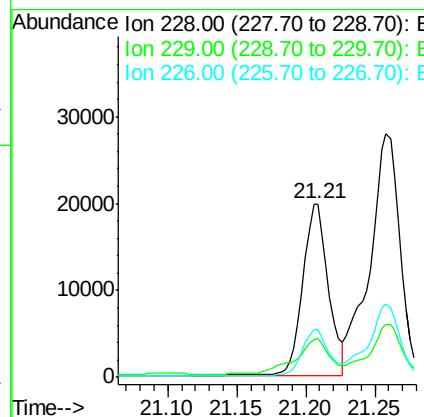
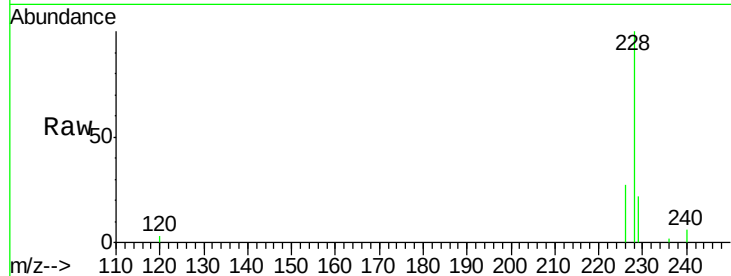
#18
Benzo(a)anthracene
Concen: 1.300 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003051.D
Acq: 10 Oct 2018 05:30

Instrument :
BNA_N
ClientSampleId :
JLC61

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.2	24.2
226	27.3	22.3	33.5

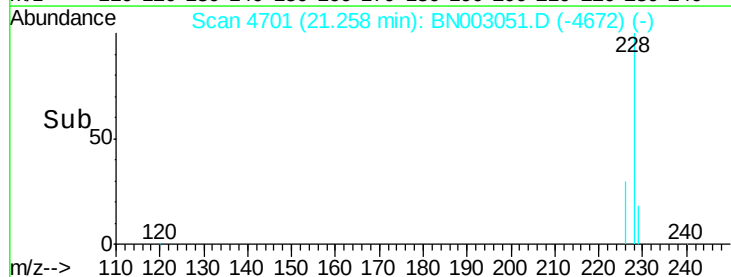
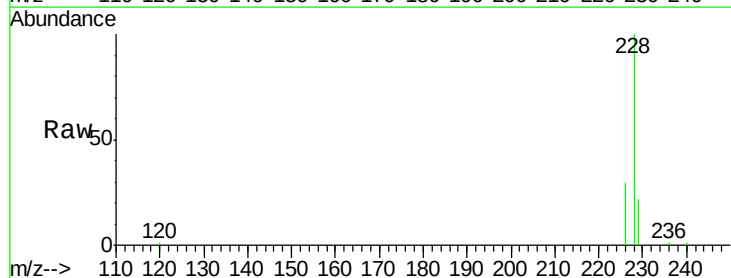
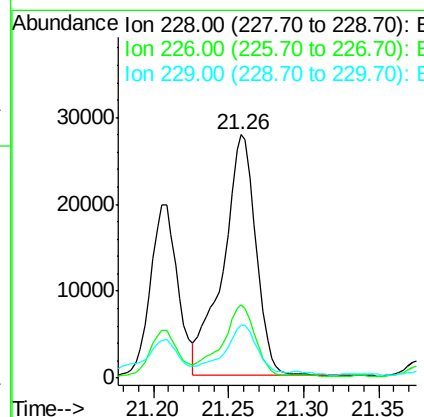
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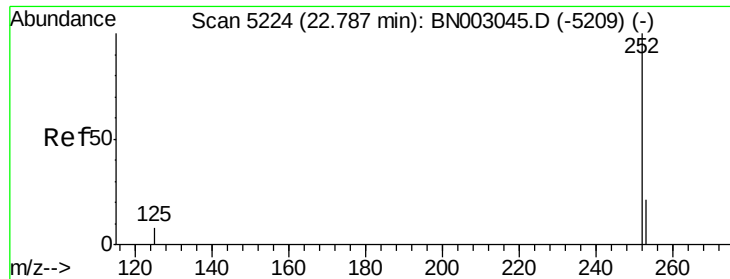
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#19
Chrysene
Concen: 2.124 ng/ul
RT: 21.26 min Scan# 4701
Delta R.T. -0.01 min
Lab File: BN003051.D
Acq: 10 Oct 2018 05:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	21.5	16.7	25.1





#21

Benzo(b)fluoranthene

Concen: 2.715 ng/ul m

RT: 22.77 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

Instrument :

BNA_N

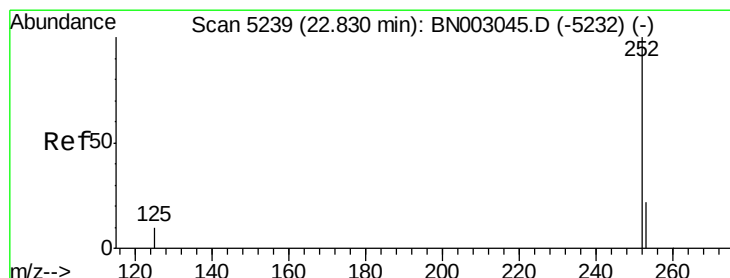
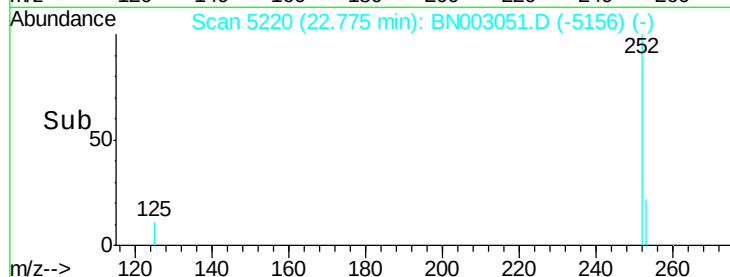
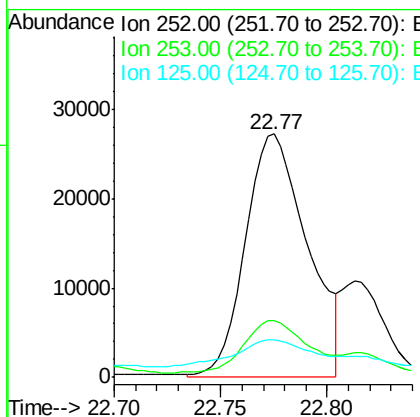
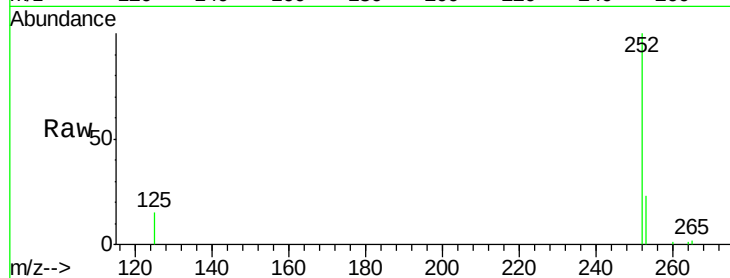
ClientSampleId :

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Tgt Ion:	252	Resp:	55080
Ion Ratio	Lower	Upper	
252	100		
253	23.4	0.0	53.2
125	15.3	0.0	34.2

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#22

Benzo(k)fluoranthene

Concen: 0.711 ng/ul m

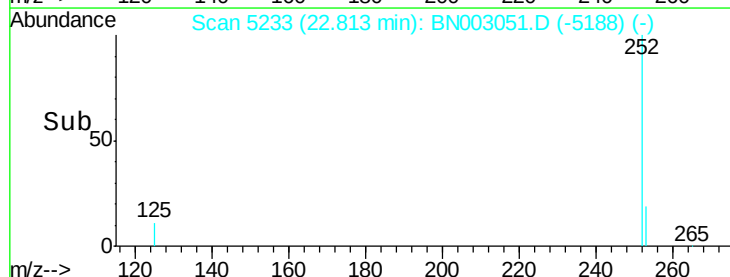
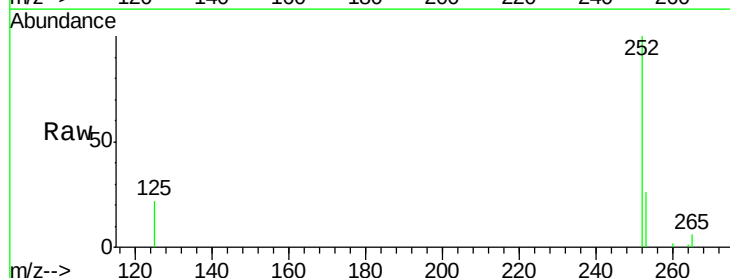
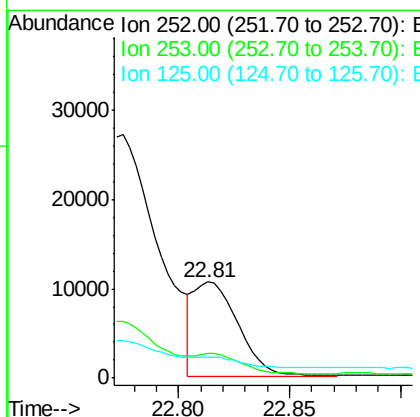
RT: 22.81 min Scan# 5233

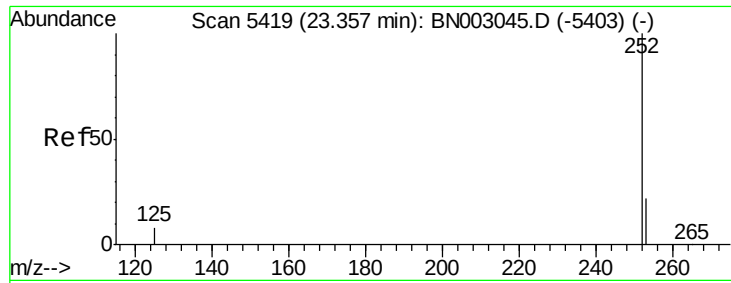
Delta R.T. -0.02 min

Lab File: BN003051.D

Acq: 10 Oct 2018 05:30

Tgt Ion:	252	Resp:	14957
Ion Ratio	Lower	Upper	
252	100		
253	25.6	21.3	31.9
125	22.3	14.1	21.1#





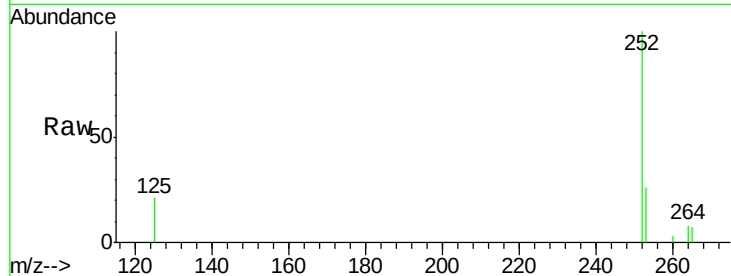
#23
Benzo(a)pyrene
Concen: 1.144 ng/ul
RT: 23.34 min Scan# 5412
Delta R.T. -0.02 min
Lab File: BN003051.D
Acq: 10 Oct 2018 05:30

Instrument :
BNA_N
ClientSampled :
JLC61

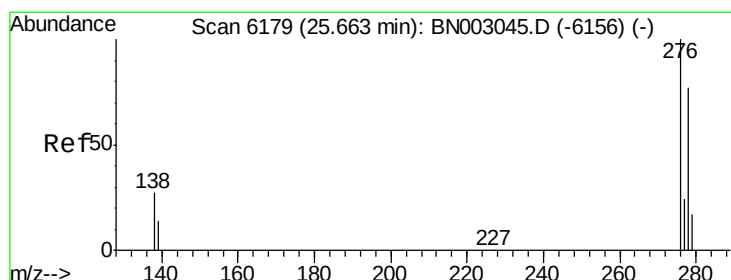
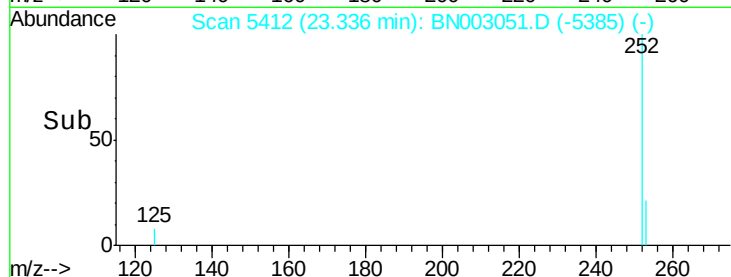
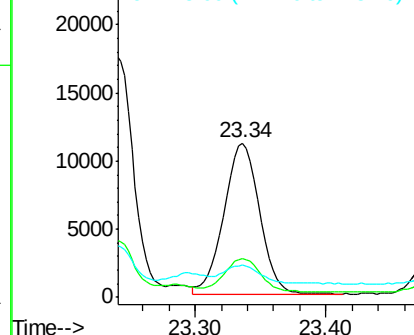
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	23.1	34.7
125	21.0	16.9	25.3

Manual Integrations
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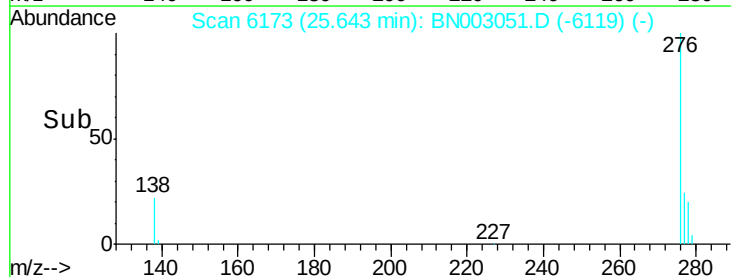
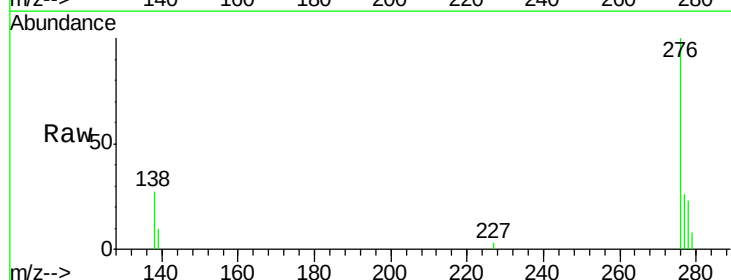
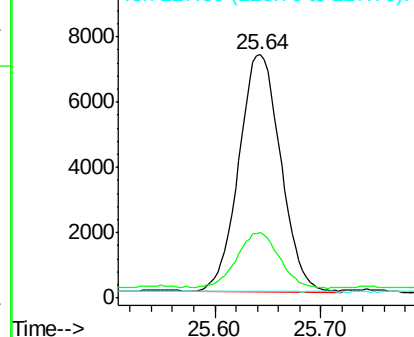
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

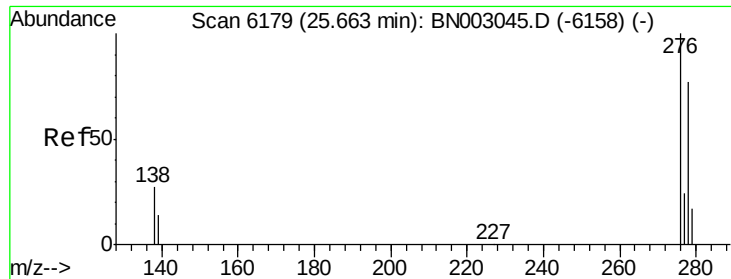


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.955 ng/ul
RT: 25.64 min Scan# 6173
Delta R.T. -0.02 min
Lab File: BN003051.D
Acq: 10 Oct 2018 05:30

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

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





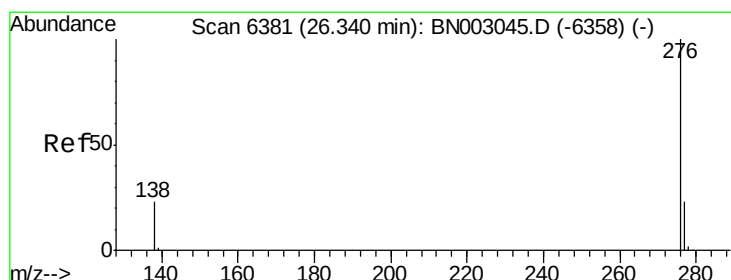
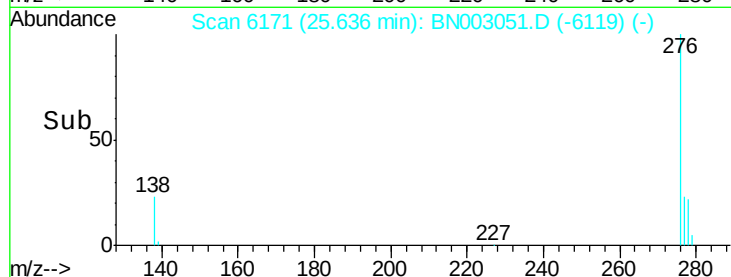
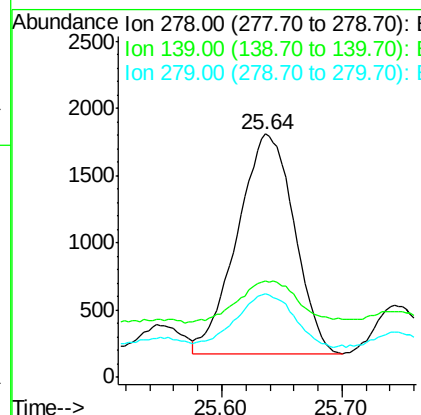
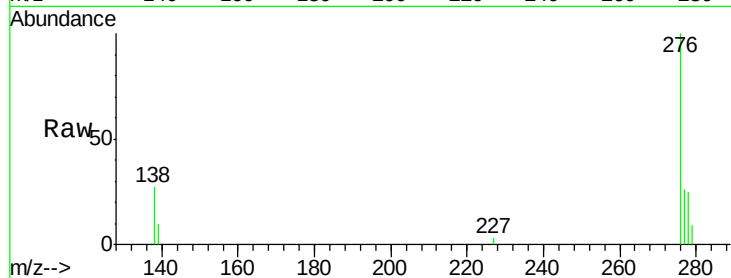
#25
Dibenzo(a,h)anthracene
Concen: 0.324 ng/ul
RT: 25.64 min Scan# 6171
Delta R.T. -0.03 min
Lab File: BN003051.D
Acq: 10 Oct 2018 05:30

Instrument :
BNA_N
ClientSampleId :
JLC61

Tgt Ion	Ratio	Lower	Upper
278	100		
139	39.8	20.2	30.4#
279	34.6	23.8	35.8

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 1.282 ng/ul
RT: 26.32 min Scan# 6374
Delta R.T. -0.02 min
Lab File: BN003051.D
Acq: 10 Oct 2018 05:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.1	23.0	34.4
277	25.3	22.0	33.0

