

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
 Data File : BN003046.D
 Acq On : 10 Oct 2018 02:34
 Operator : MJ/SJ
 Sample : J5115-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC10

Manual Integrations
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Quant Time: Oct 10 08:48:17 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	1948	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7767	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	4251	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8759m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	5379m	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	5341m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3290	0.27	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	6333m	0.25	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	5036	0.253	ng/ul	99
5) 2-Methylnaphthalene	12.07	142	2424	0.177	ng/ul	99
7) Acenaphthylene	13.98	152	1750	0.090	ng/ul#	87
8) Acenaphthene	14.32	153	5634	0.382	ng/ul	99
9) Fluorene	15.32	166	4816	0.285	ng/ul	99
11) Pentachlorophenol	16.71	266	173m	0.204	ng/ul	
12) Phenanthrene	17.06	178	71251m	2.918	ng/ul	
13) Anthracene	17.15	178	14387m	0.624	ng/ul	
15) Fluoranthene	19.08	202	99936m	3.489	ng/ul	
17) Pyrene	19.45	202	94854m	4.540	ng/ul	
18) Benzo(a)anthracene	21.21	228	39532m	2.284	ng/ul	
19) Chrysene	21.26	228	115806m	6.589	ng/ul	
21) Benzo(b)fluoranthene	22.77	252	108755m	5.654	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	27813m	1.395	ng/ul	
23) Benzo(a)pyrene	23.34	252	33364m	1.935	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.64	276	41257m	2.083	ng/ul	
25) Dibenzo(a,h)anthracene	25.63	278	11509m	0.726	ng/ul	
26) Benzo(g,h,i)perylene	26.32	276	49868	2.985	ng/ul	94

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

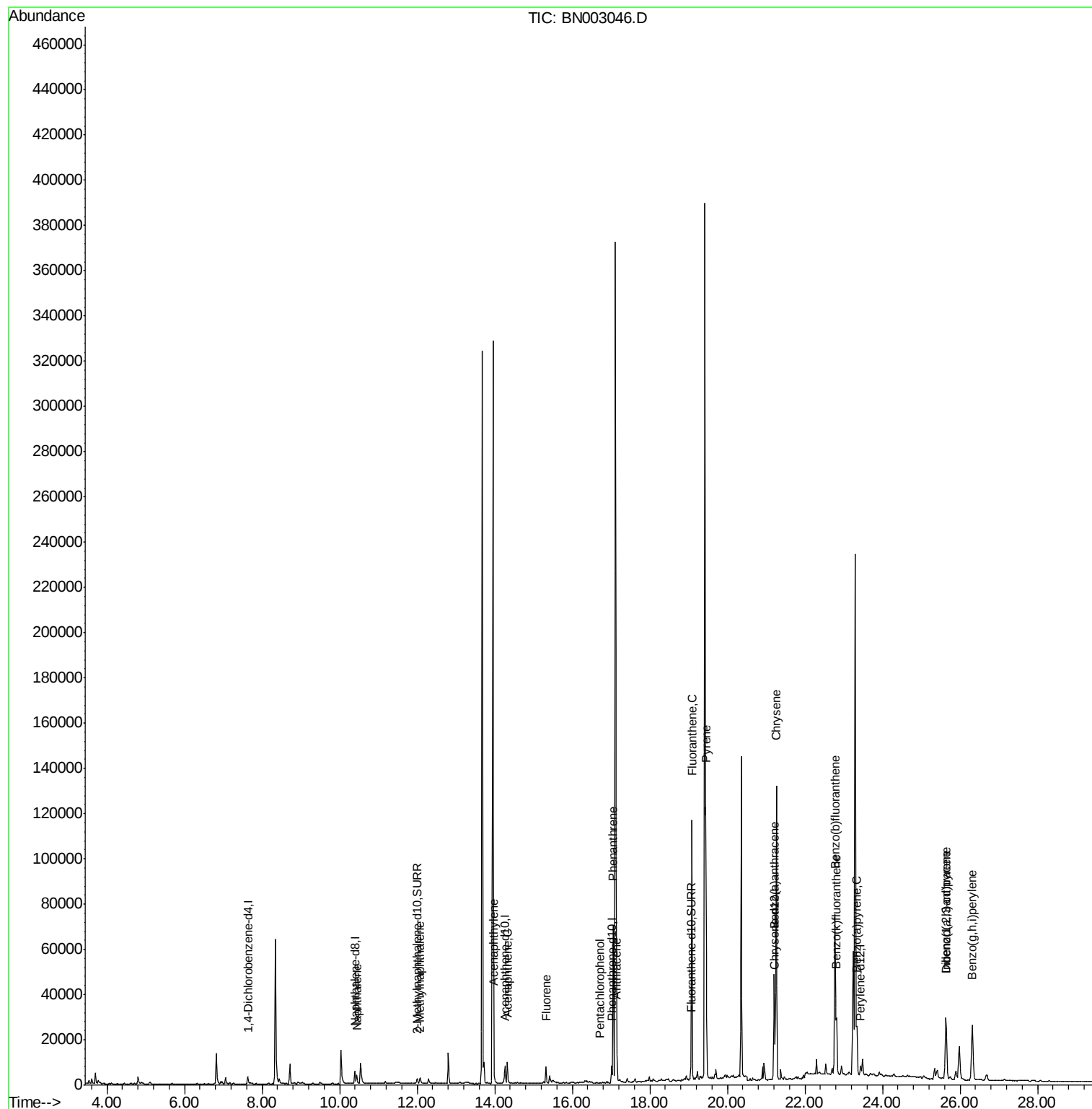
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
Data File : BN003046.D
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ALS Vial : 18 Sample Multiplier: 1

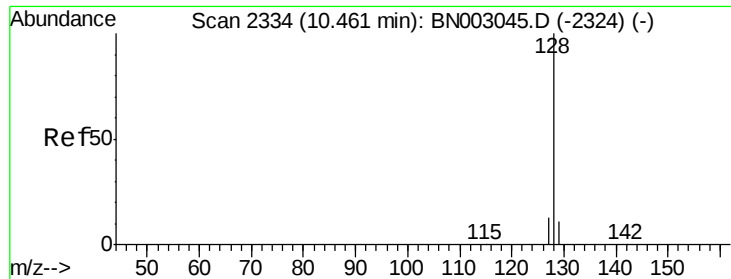
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#3

Naphthalene

Concen: 0.253 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003046.D

Acq: 10 Oct 2018 02:34

Instrument :

BNA_N

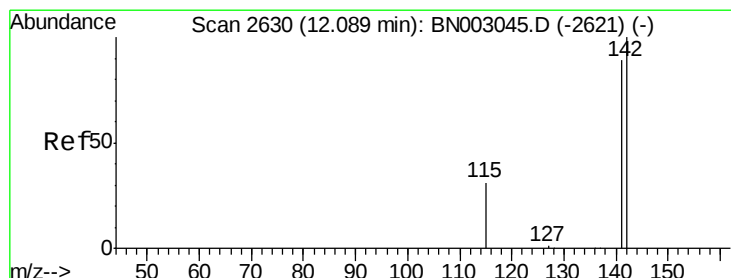
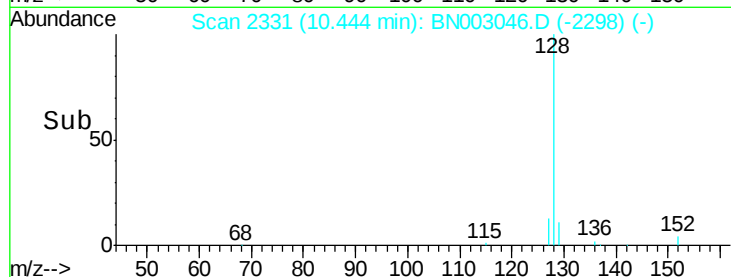
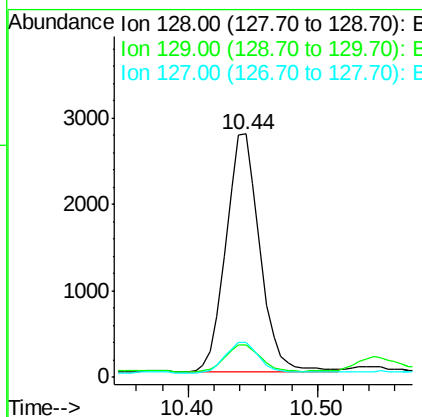
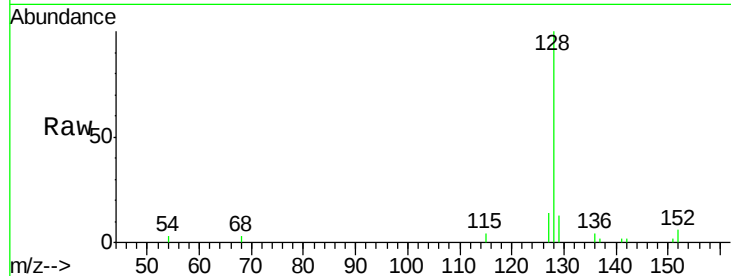
ClientSampleId :

JLC10

Tgt Ion:	128	Resp:	5036
Ion Ratio	Lower	Upper	
128	100		
129	13.4	10.4	15.6
127	14.2	11.7	17.5

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#5

2-Methylnaphthalene

Concen: 0.177 ng/ul

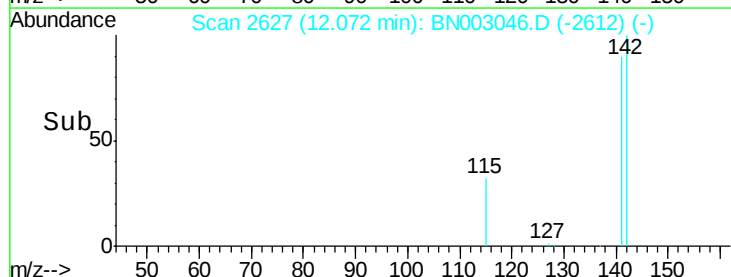
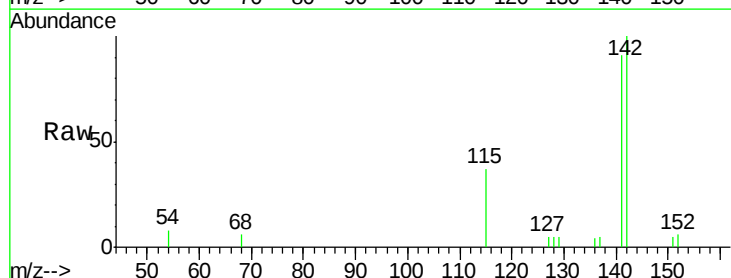
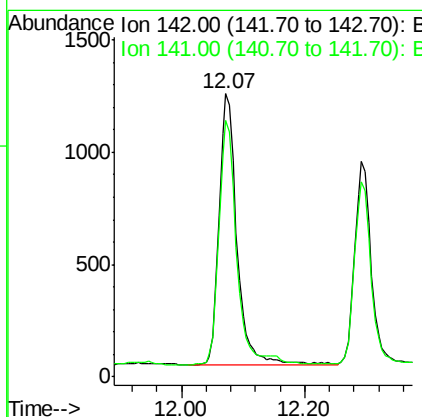
RT: 12.07 min Scan# 2627

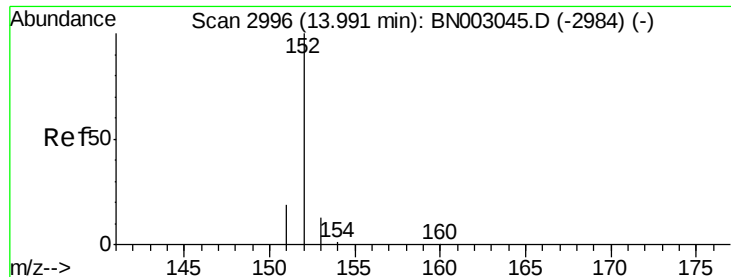
Delta R.T. -0.02 min

Lab File: BN003046.D

Acq: 10 Oct 2018 02:34

Tgt Ion:	142	Resp:	2424
Ion Ratio	Lower	Upper	
142	100		
141	90.6	73.4	110.0





#7

Acenaphthylene

Concen: 0.090 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003046.D

Acq: 10 Oct 2018 02:34

Instrument :

BNA_N

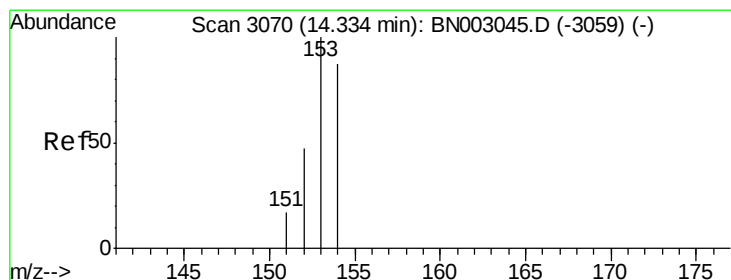
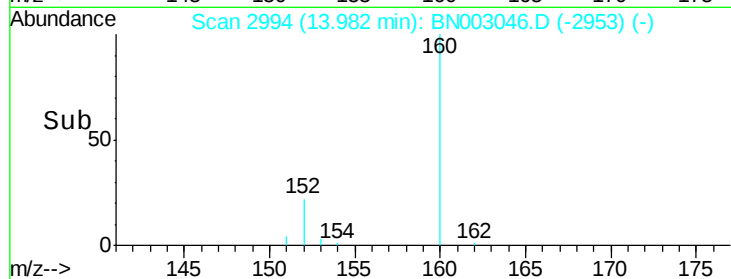
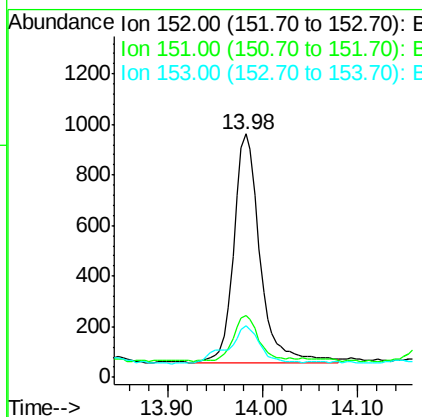
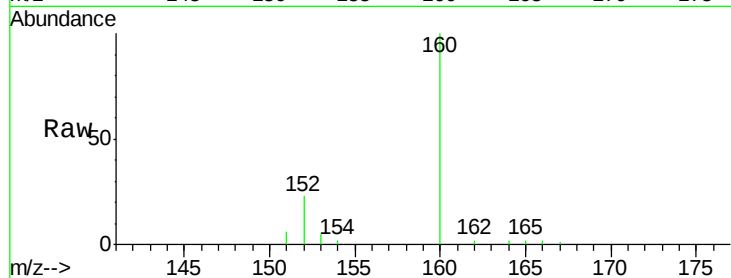
ClientSampleId :

JLC10

Tgt Ion:	152	Resp:	1750
Ion Ratio	Lower	Upper	
152	100		
151	25.6	16.5	24.7#
153	21.1	11.4	17.2#

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#8

Acenaphthene

Concen: 0.382 ng/ul

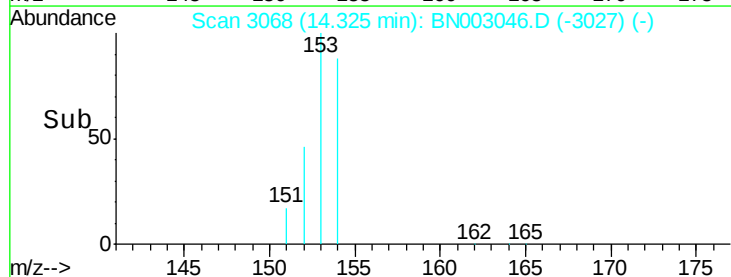
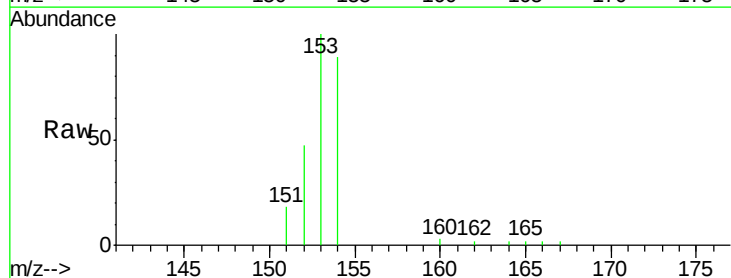
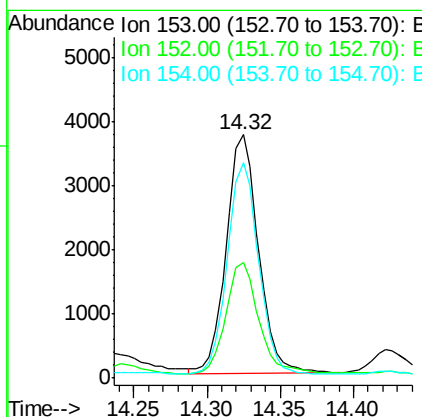
RT: 14.32 min Scan# 3068

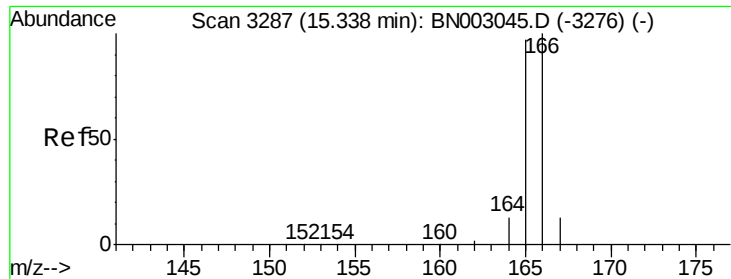
Delta R.T. -0.01 min

Lab File: BN003046.D

Acq: 10 Oct 2018 02:34

Tgt Ion:	153	Resp:	5634
Ion Ratio	Lower	Upper	
153	100		
152	47.3	38.2	57.4
154	88.5	70.2	105.2





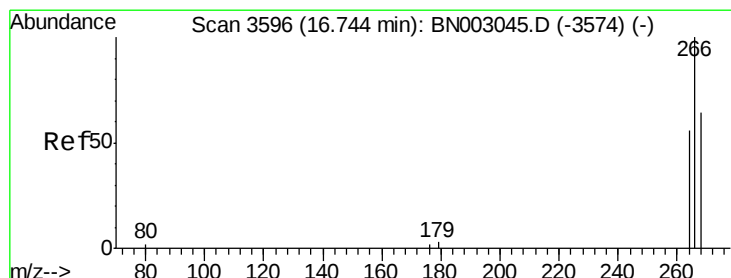
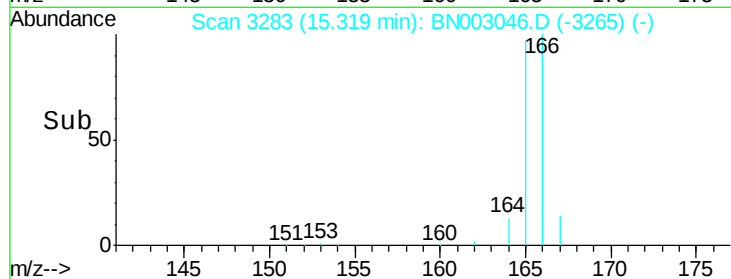
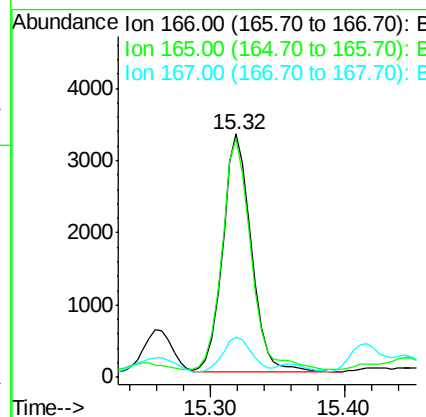
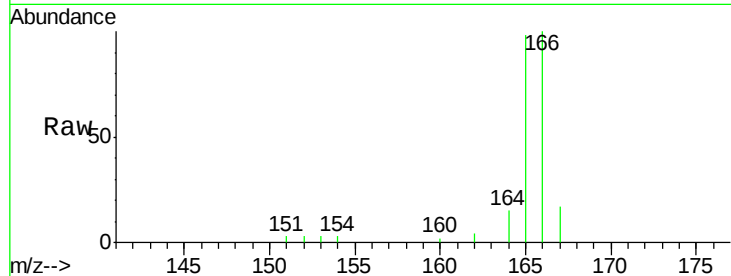
#9
Fluorene
 Concen: 0.285 ng/ul
 RT: 15.32 min Scan# 3283
 Delta R.T. -0.02 min
 Lab File: BN003046.D
 Acq: 10 Oct 2018 02:34

Instrument :
 BNA_N
 ClientSampleId :
 JLC10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.5	117.7
167	16.7	11.6	17.4

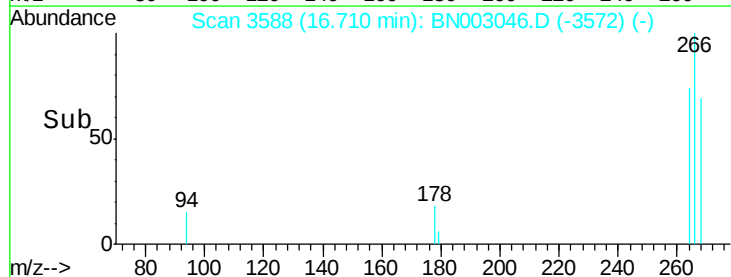
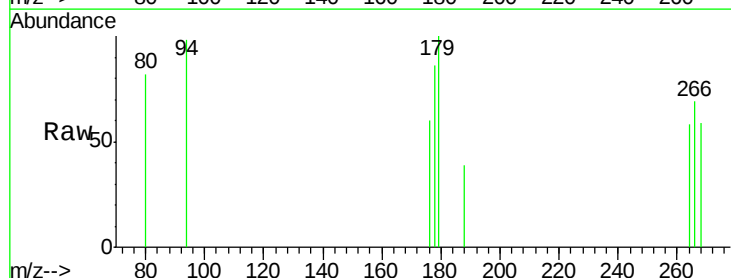
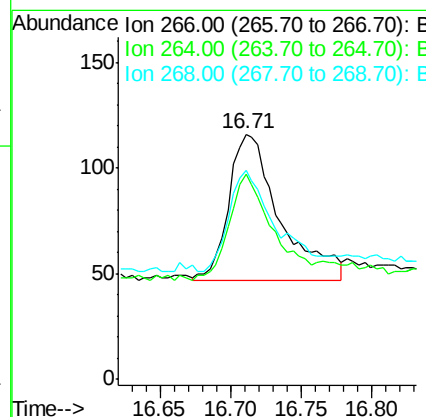
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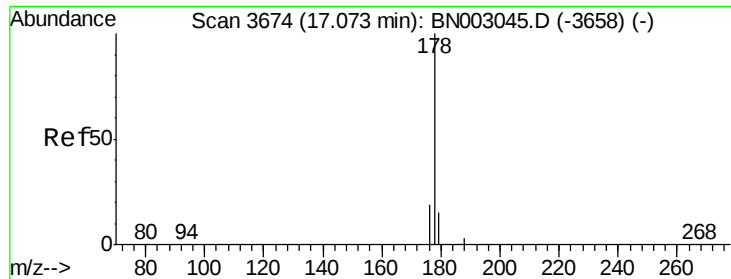
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#11
Pentachlorophenol
 Concen: 0.204 ng/ul m
 RT: 16.71 min Scan# 3588
 Delta R.T. -0.03 min
 Lab File: BN003046.D
 Acq: 10 Oct 2018 02:34

Tgt Ion	Ratio	Lower	Upper
266	100		
264	0.0	52.5	78.7#
268	1.2	48.6	72.8#





#12

Phenanthrene

Concen: 2.918 ng/ul m

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003046.D

Acq: 10 Oct 2018 02:34

Instrument :

BNA_N

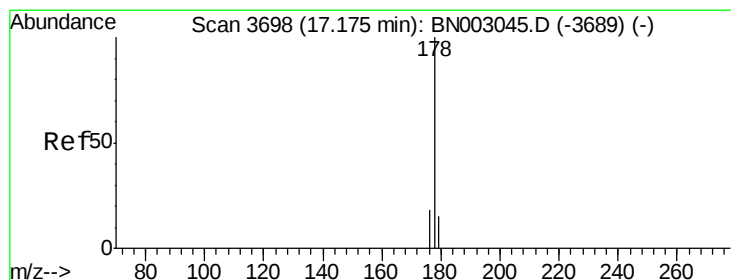
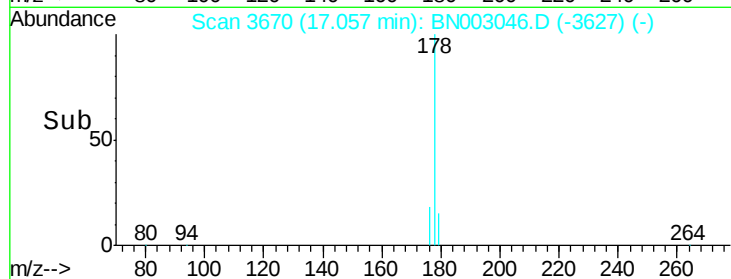
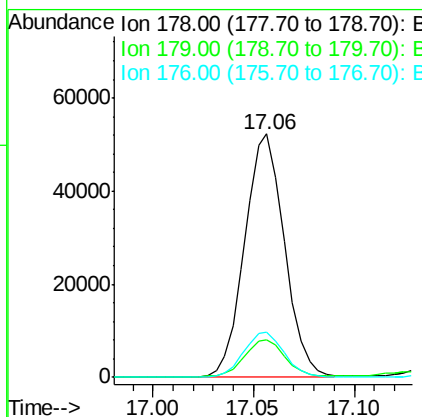
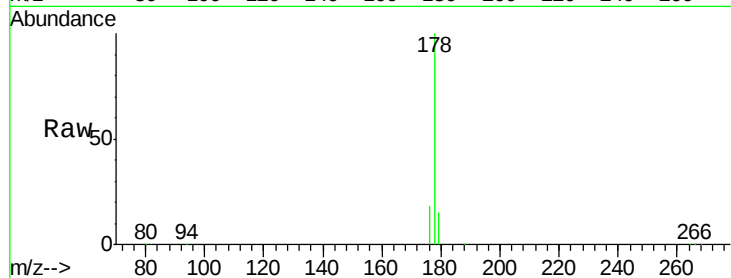
ClientSampleId :

JLC10

Tgt Ion:	178	Resp:	71251
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.9	19.3
176	18.5	15.4	23.2

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#13

Anthracene

Concen: 0.624 ng/ul m

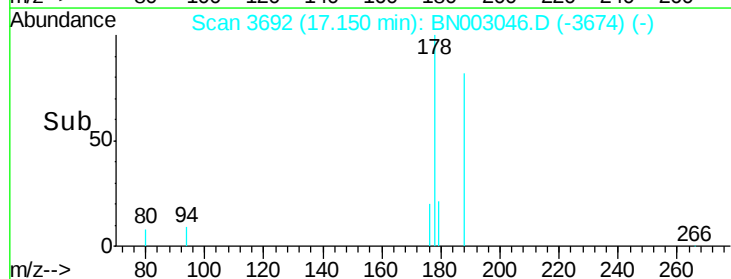
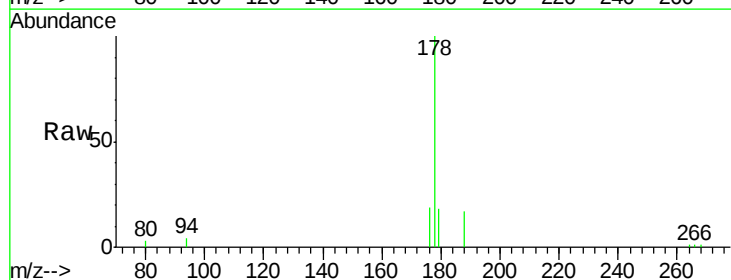
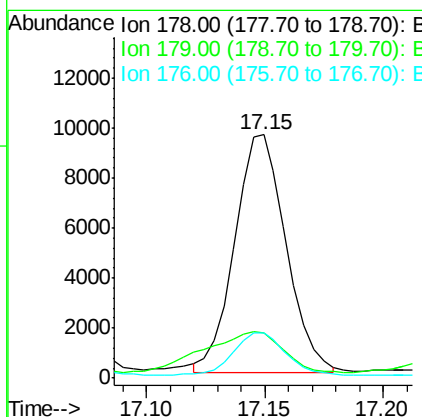
RT: 17.15 min Scan# 3692

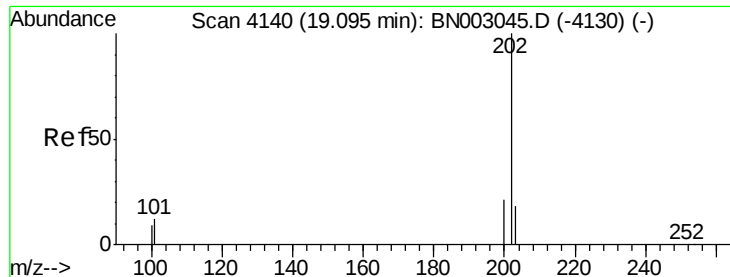
Delta R.T. -0.03 min

Lab File: BN003046.D

Acq: 10 Oct 2018 02:34

Tgt Ion:	178	Resp:	14387
Ion Ratio	Lower	Upper	
178	100		
179	18.3	13.0	19.6
176	18.7	15.3	22.9





#15

Fluoranthene

Concen: 3.489 ng/ul m

RT: 19.08 min Scan# 4137

Delta R.T. -0.01 min

Lab File: BN003046.D

Acq: 10 Oct 2018 02:34

Instrument :

BNA_N

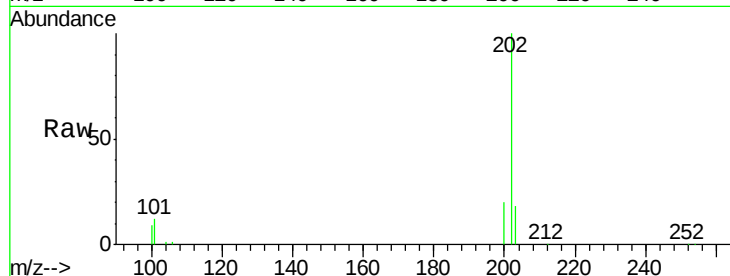
ClientSampleId :

JLC10

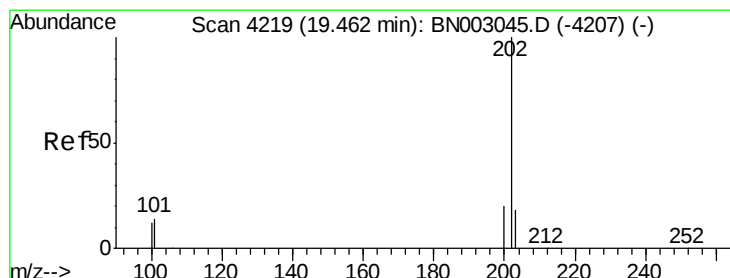
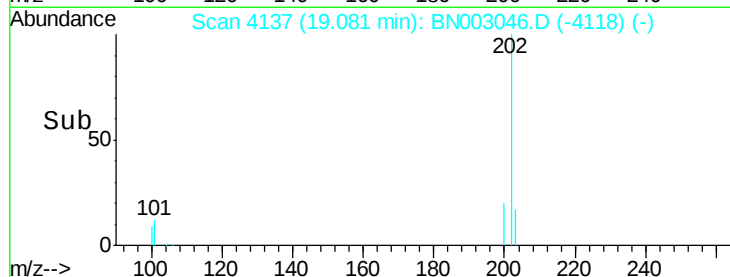
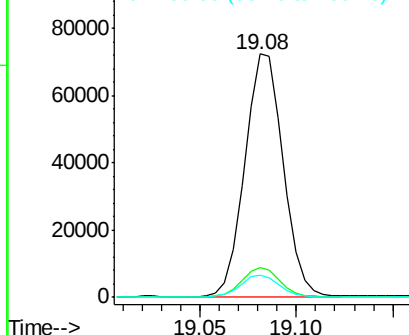
Tgt Ion:	202	Resp:	99936
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	32.3
100	9.4	0.0	29.1

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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): B



#17

Pyrene

Concen: 4.540 ng/ul m

RT: 19.45 min Scan# 4216

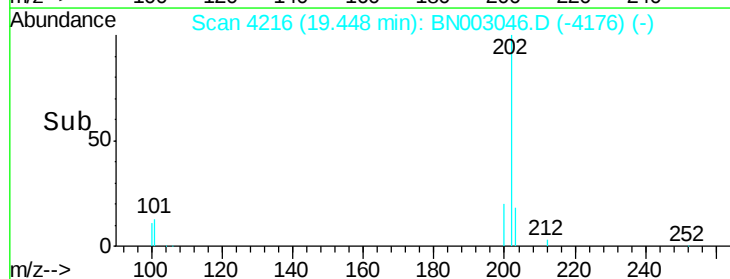
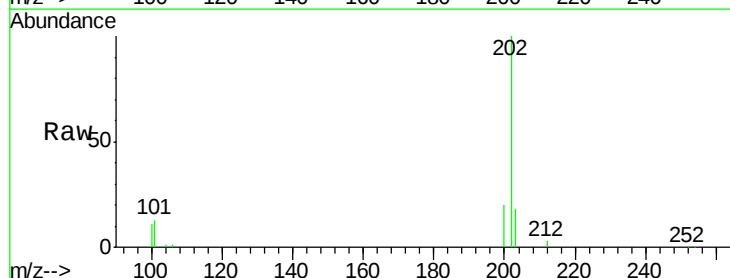
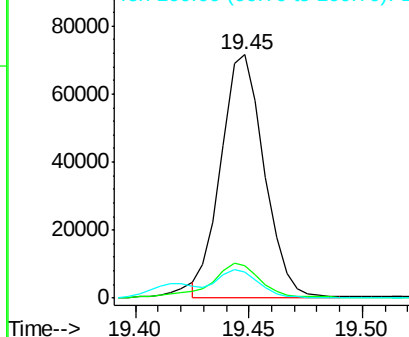
Delta R.T. -0.01 min

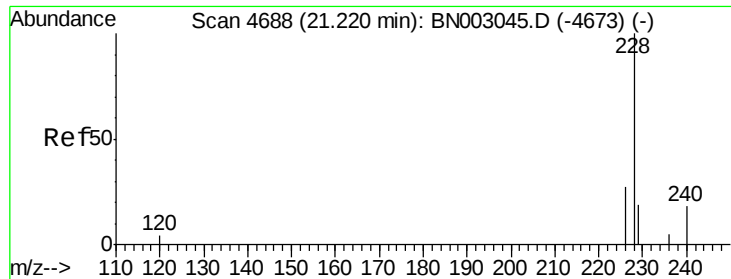
Lab File: BN003046.D

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Tgt Ion:	202	Resp:	94854
Ion Ratio	Lower	Upper	
202	100		
101	13.4	11.9	17.9
100	10.7	9.9	14.9

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): B





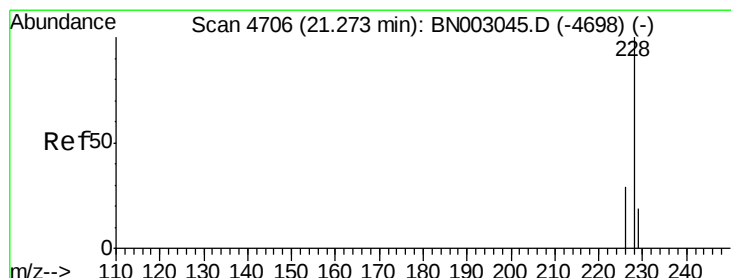
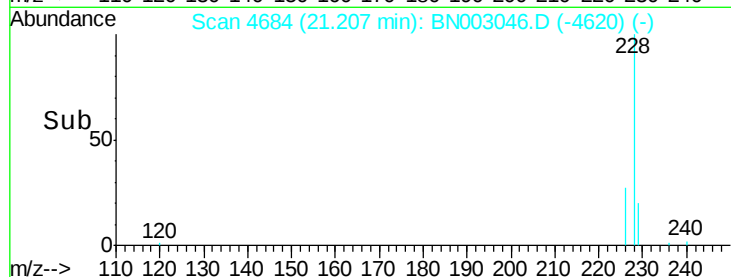
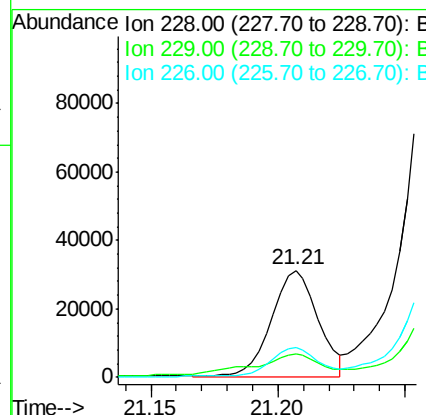
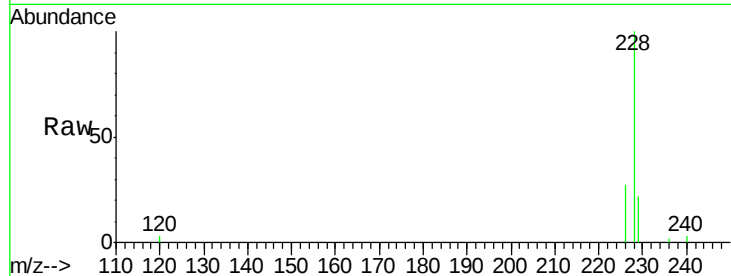
#18
Benzo(a)anthracene
Concen: 2.284 ng/ul m
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003046.D
Acq: 10 Oct 2018 02:34

Instrument :
BNA_N
ClientSampled :
JLC10

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.2	24.2
226	27.4	22.3	33.5

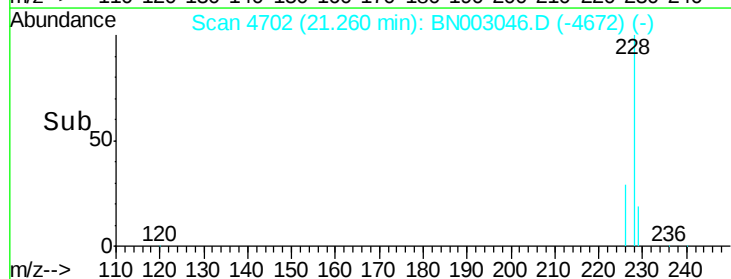
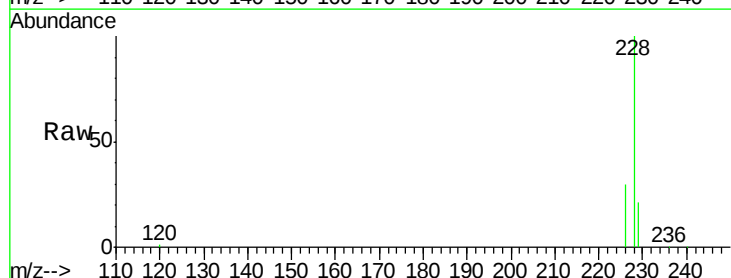
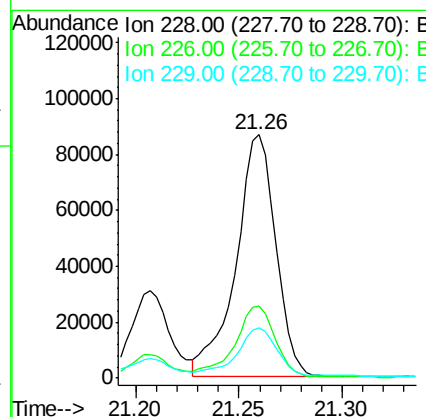
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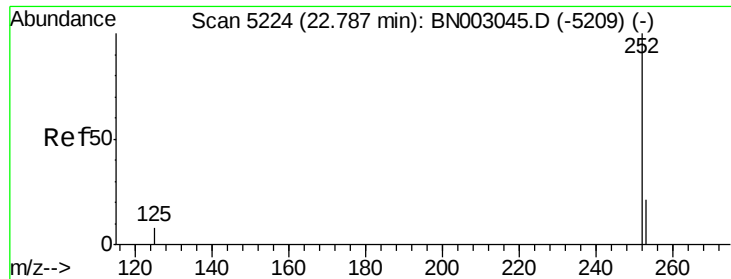
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#19
Chrysene
Concen: 6.589 ng/ul m
RT: 21.26 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN003046.D
Acq: 10 Oct 2018 02:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	20.9	16.7	25.1





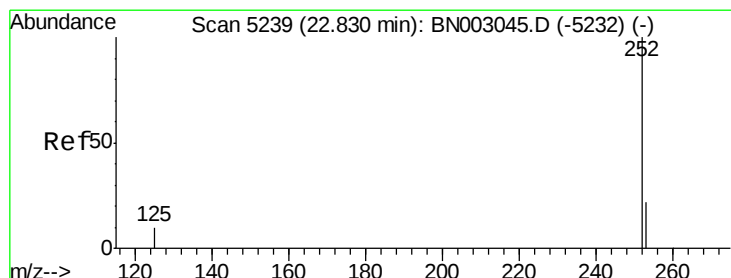
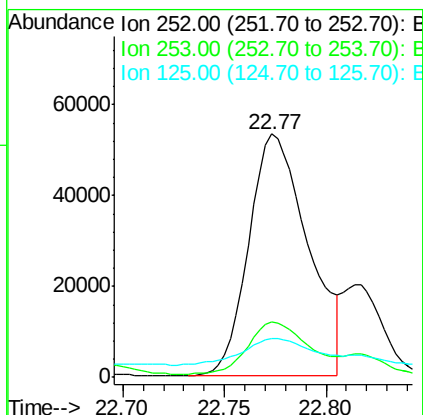
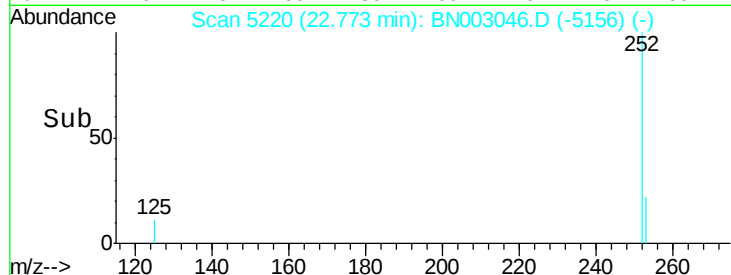
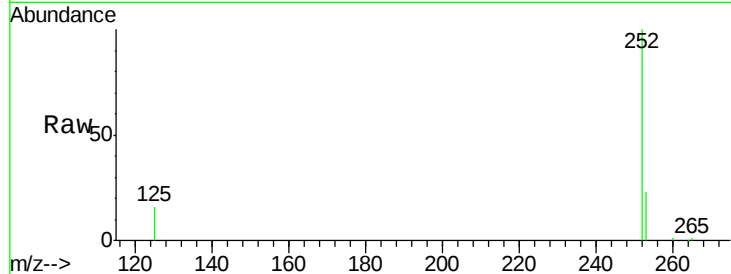
#21
Benzo(b)fluoranthene
Concen: 5.654 ng/ul m
RT: 22.77 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN003046.D
Acq: 10 Oct 2018 02:34

Instrument :
BNA_N
ClientSampleId :
JLC10

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.9	0.0	53.2
125	16.1	0.0	34.2

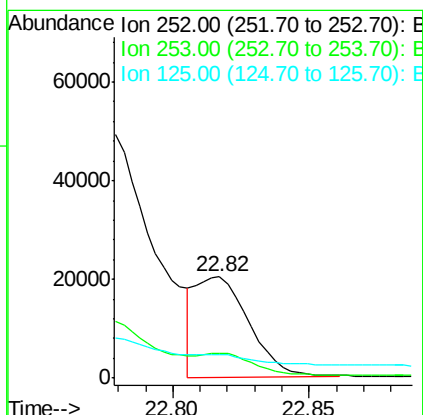
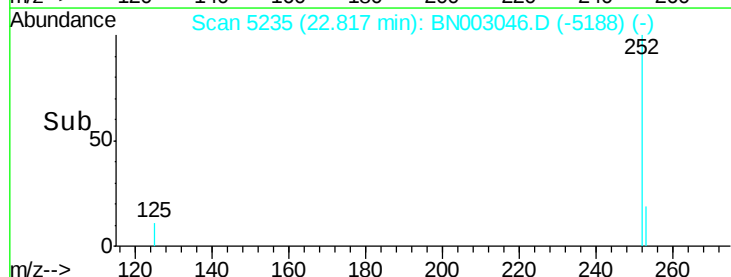
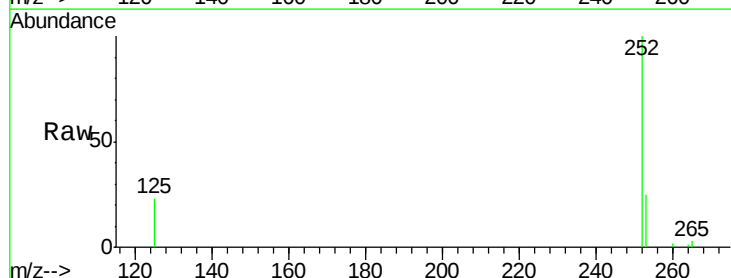
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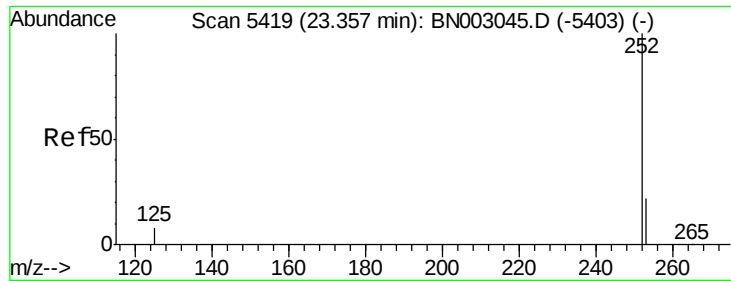
Sohil
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#22
Benzo(k)fluoranthene
Concen: 1.395 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN003046.D
Acq: 10 Oct 2018 02:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.0	21.3	31.9
125	23.4	14.1	21.1#





#23

Benzo(a)pyrene

Concen: 1.935 ng/ul m

RT: 23.34 min Scan# 5413

Delta R.T. -0.02 min

Lab File: BN003046.D

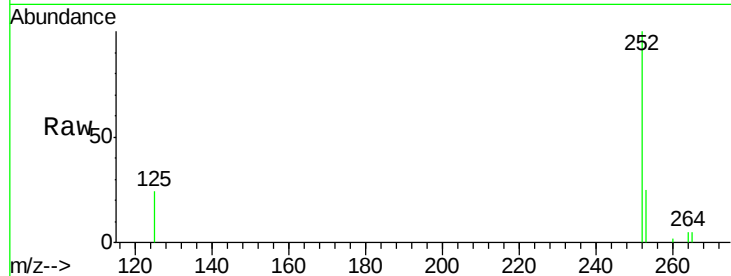
Acq: 10 Oct 2018 02:34

Instrument :

BNA_N

ClientSampled :

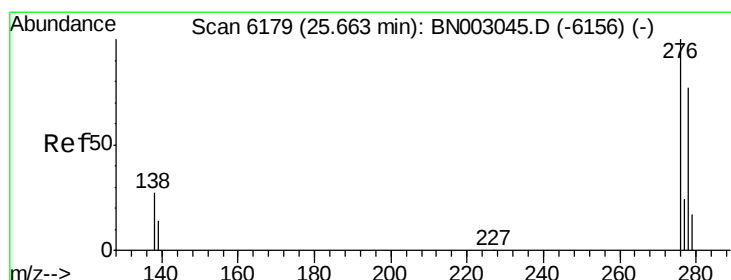
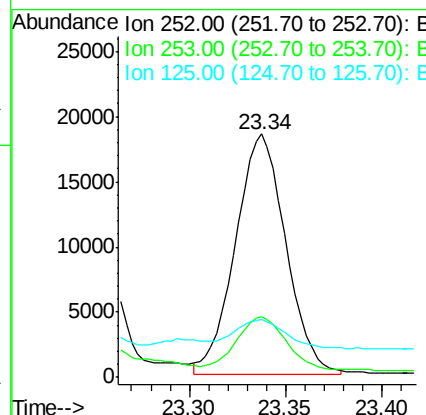
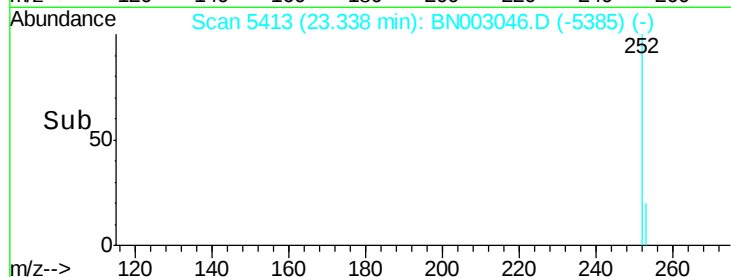
JLC10



Tgt Ion:	252	Resp:	33364
Ion Ratio	Lower	Upper	
252	100		
253	24.8	23.1	34.7
125	23.6	16.9	25.3

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

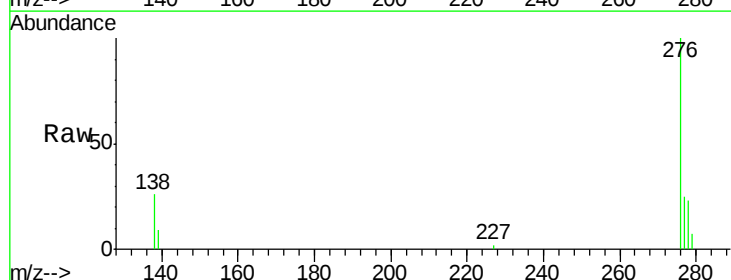
Concen: 2.083 ng/ul m

RT: 25.64 min Scan# 6172

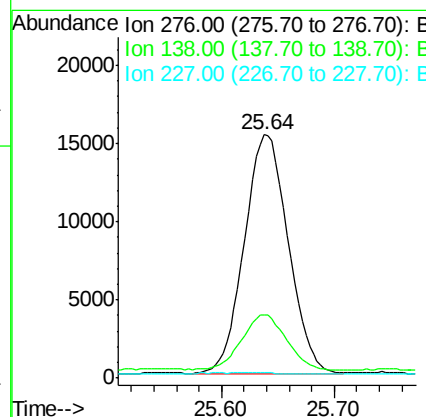
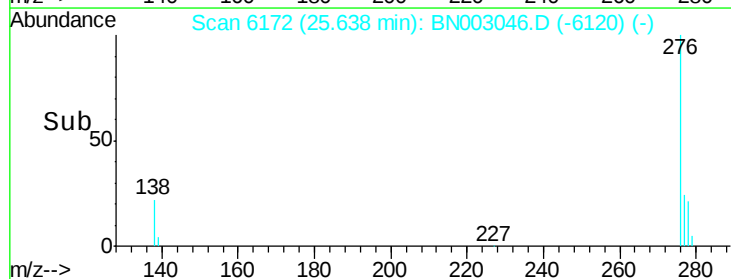
Delta R.T. -0.03 min

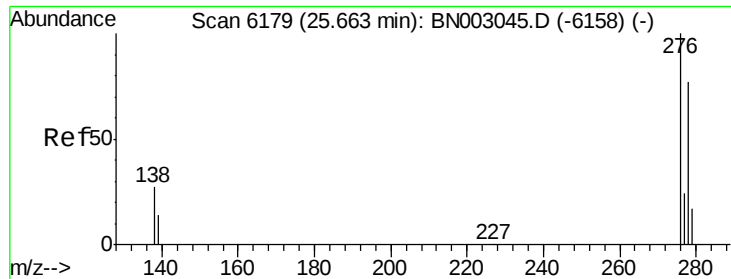
Lab File: BN003046.D

Acq: 10 Oct 2018 02:34



Tgt Ion:	276	Resp:	41257
Ion Ratio	Lower	Upper	
276	100		
138	2.2	21.5	32.3#
227	0.0	0.3	0.5#





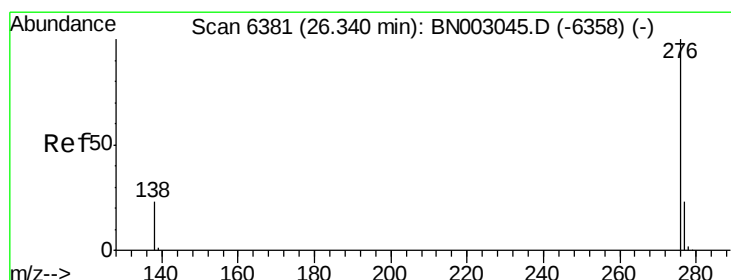
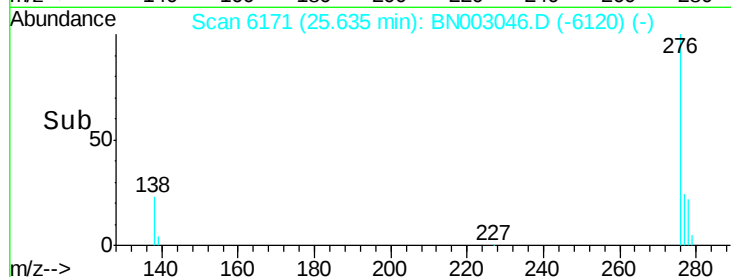
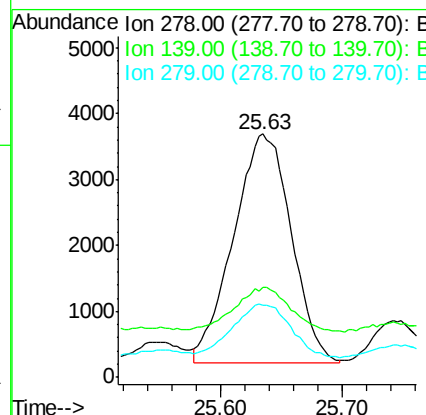
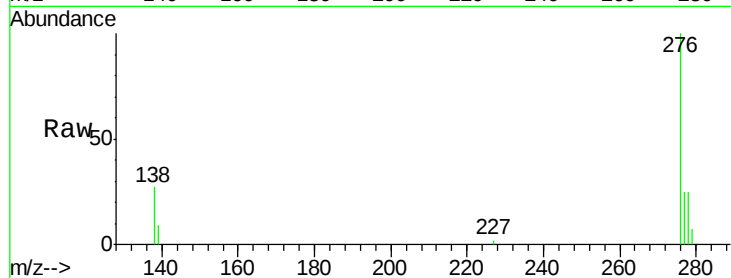
#25
Dibenzo(a,h)anthracene
Concen: 0.726 ng/ul m
RT: 25.63 min Scan# 6171
Delta R.T. -0.03 min
Lab File: BN003046.D
Acq: 10 Oct 2018 02:34

Instrument :
BNA_N
ClientSampleId :
JLC10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	37.0	20.2	30.4#
279	29.6	23.8	35.8

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#26
Benzo(g,h,i)perylene
Concen: 2.985 ng/ul
RT: 26.32 min Scan# 6374
Delta R.T. -0.03 min
Lab File: BN003046.D
Acq: 10 Oct 2018 02:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	23.0	34.4
277	24.7	22.0	33.0

