

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
 Data File : BN003012.D
 Acq On : 09 Oct 2018 06:05
 Operator : MJ/SJ
 Sample : J5116-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC56

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:25 PM

Quant Time: Oct 09 09:04:47 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	1134	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	4969	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3072	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7331m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	7882m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	7839	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2680	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	7982m	0.38	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	4705	0.369	ng/ul	100
5) 2-Methylnaphthalene	12.09	142	291	0.033	ng/ul	100
7) Acenaphthylene	13.98	152	695	0.049	ng/ul#	79
8) Acenaphthene	14.32	153	656	0.062	ng/ul	95
9) Fluorene	15.32	166	944	0.077	ng/ul#	98
12) Phenanthrene	17.06	178	25813	1.263	ng/ul	99
13) Anthracene	17.15	178	2665m	0.138	ng/ul	
15) Fluoranthene	19.09	202	57056m	2.380	ng/ul	
17) Pyrene	19.45	202	49808	1.627	ng/ul	96
18) Benzo(a)anthracene	21.21	228	25039	0.987	ng/ul	98
19) Chrysene	21.26	228	33178	1.288	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	35579m	1.260	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	12169m	0.416	ng/ul	
23) Benzo(a)pyrene	23.33	252	17747	0.701	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.65	276	10865	0.374	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.65	278	2812	0.121	ng/ul#	77
26) Benzo(g,h,i)perylene	26.33	276	9140	0.373	ng/ul	99

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

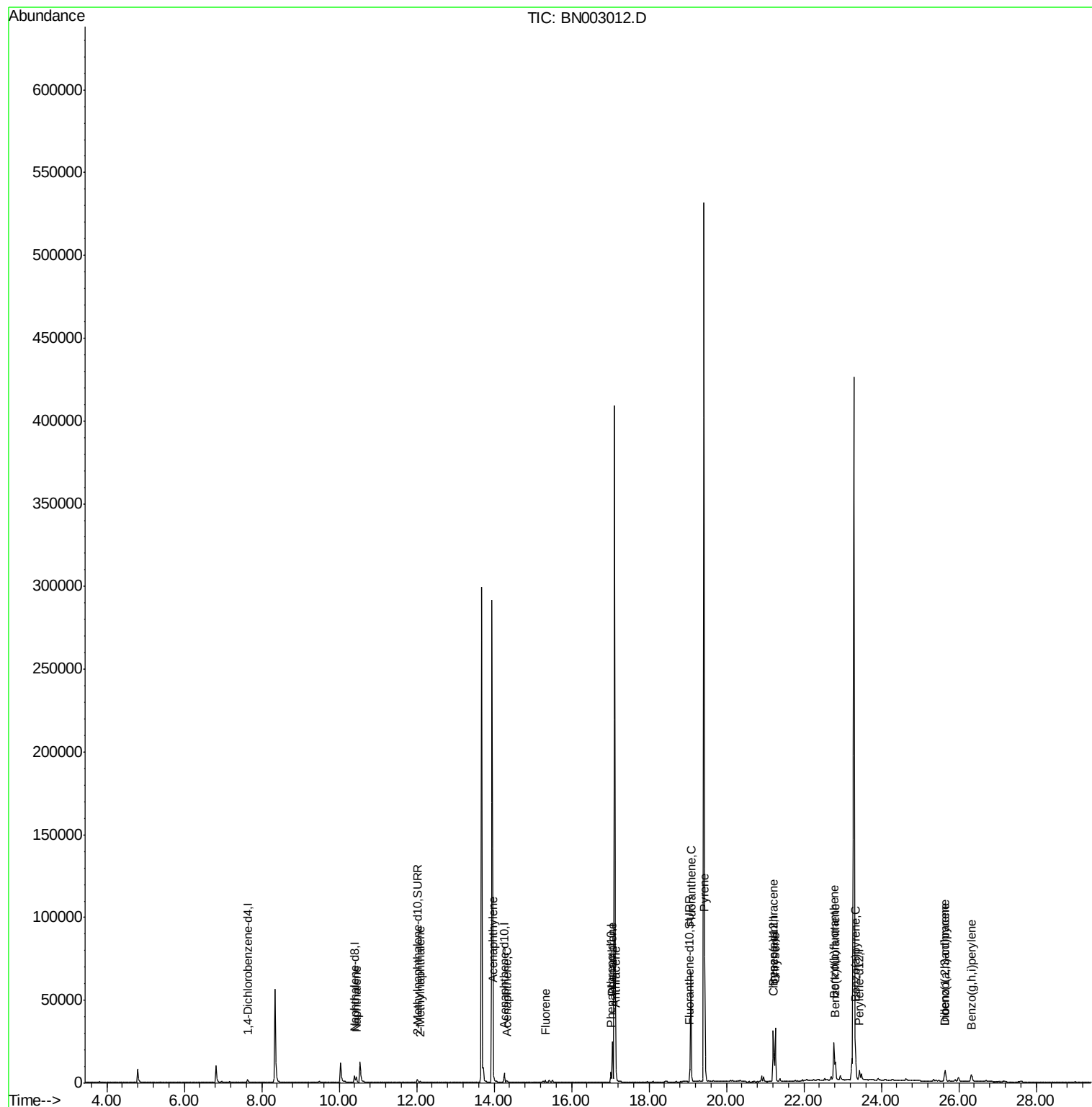
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
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Misc :
ALS Vial : 27 Sample Multiplier: 1

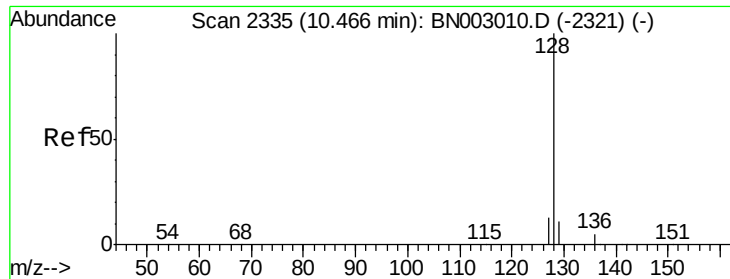
Instrument :
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QLast Update : Tue Oct 09 08:56:18 2018
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#3

Naphthalene

Concen: 0.369 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003012.D

Acq: 09 Oct 2018 06:05

Instrument :

BNA_N

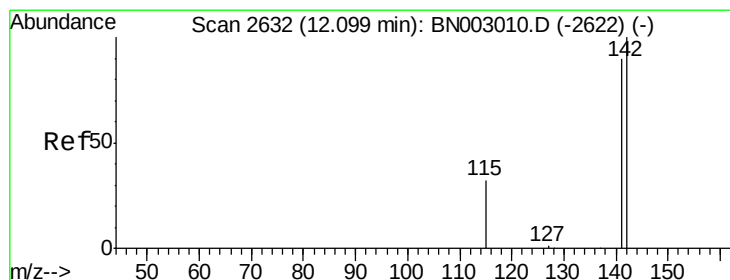
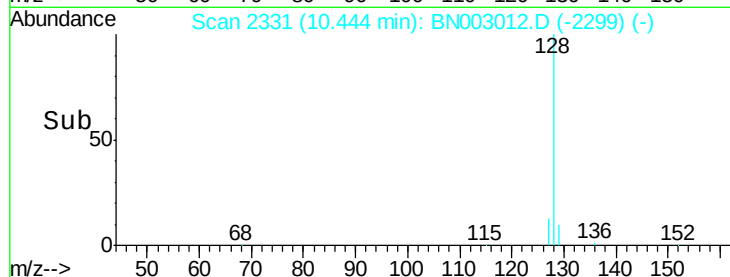
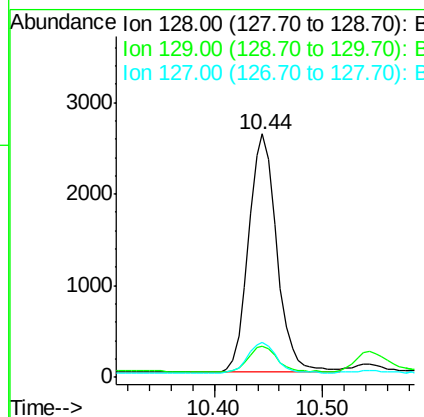
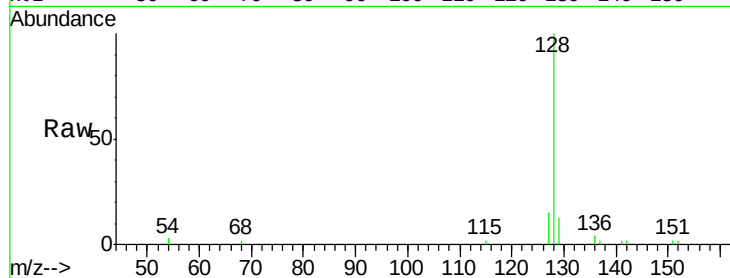
ClientSampleId :

JLC56

Tgt Ion:	128	Resp:	4705
Ion Ratio	Lower	Upper	
128	100		
129	13.0	10.4	15.6
127	14.6	11.7	17.5

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#5

2-Methylnaphthalene

Concen: 0.033 ng/ul

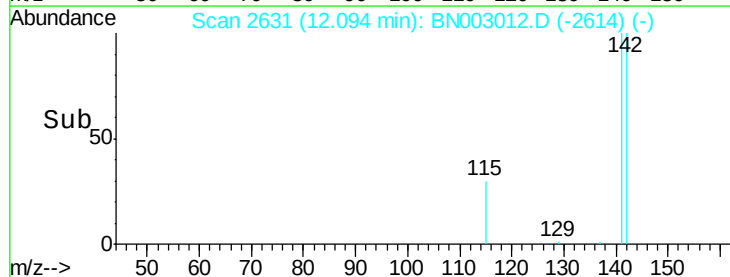
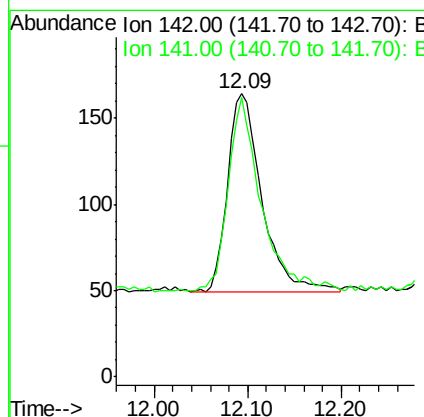
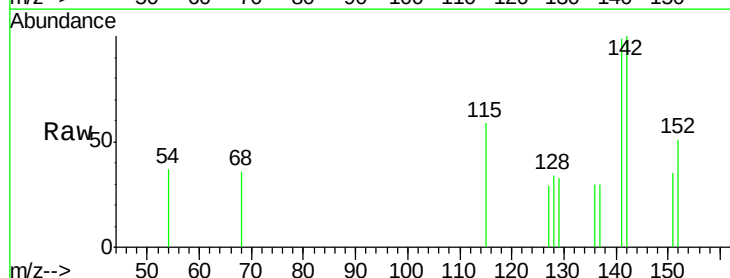
RT: 12.09 min Scan# 2631

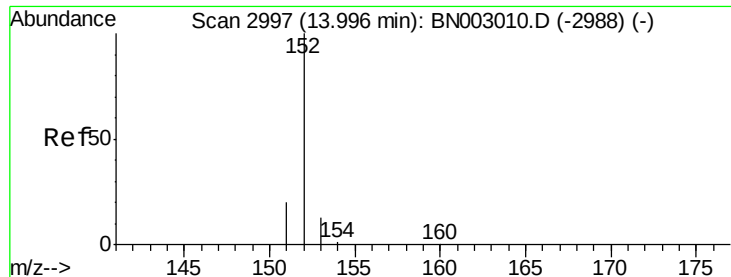
Delta R.T. -0.01 min

Lab File: BN003012.D

Acq: 09 Oct 2018 06:05

Tgt Ion:	142	Resp:	291
Ion Ratio	Lower	Upper	
142	100		
141	91.4	73.4	110.0





#7

Acenaphthylene

Concen: 0.049 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003012.D

Acq: 09 Oct 2018 06:05

Instrument :

BNA_N

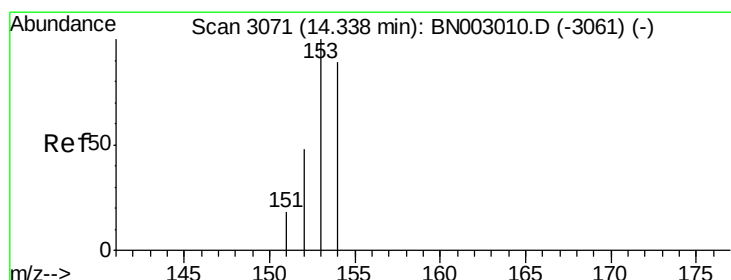
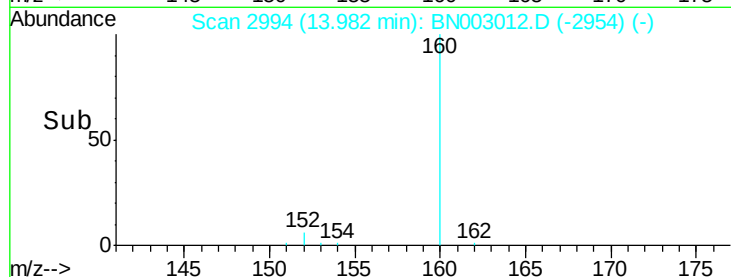
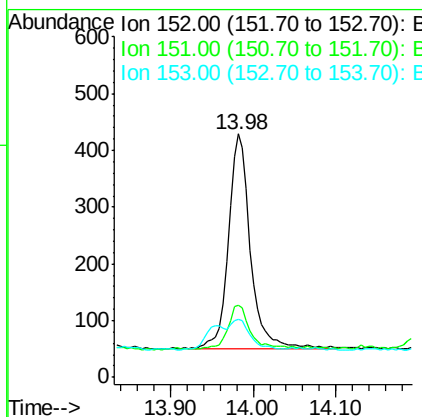
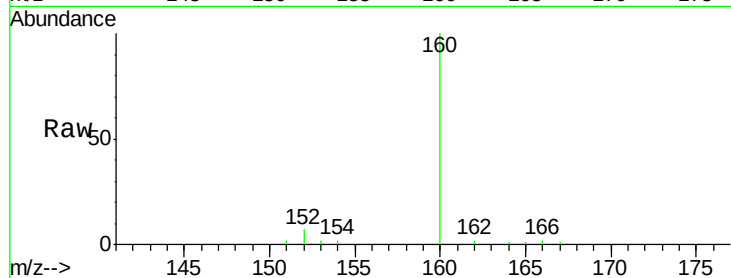
ClientSampleId :

JLC56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	29.4	16.5	24.7#
153	23.8	11.4	17.2#

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#8

Acenaphthene

Concen: 0.062 ng/ul

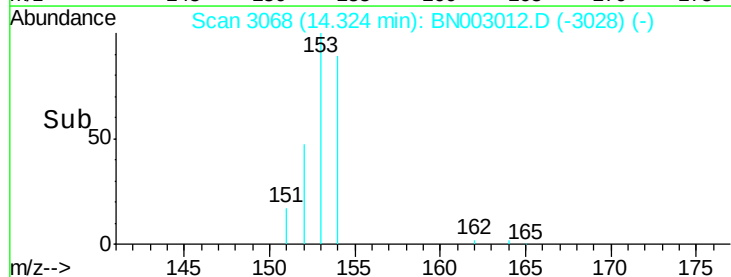
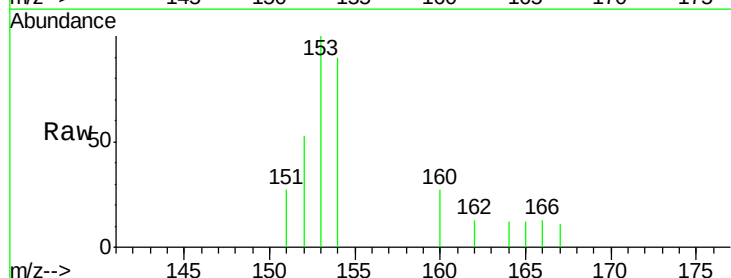
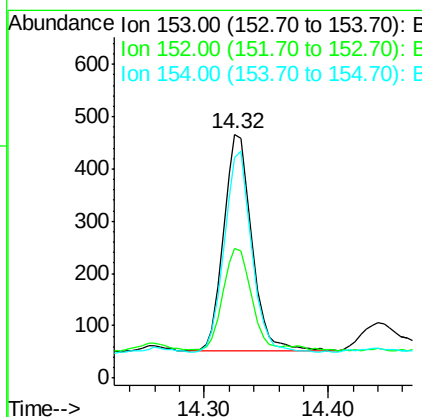
RT: 14.32 min Scan# 3068

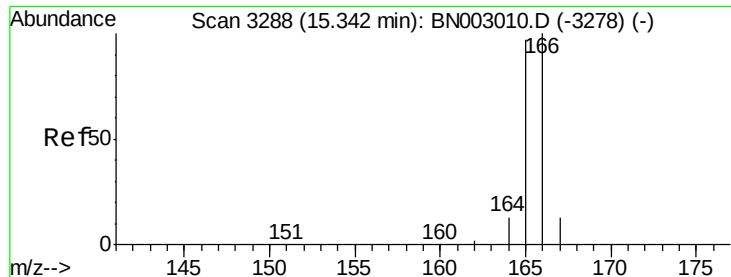
Delta R.T. -0.01 min

Lab File: BN003012.D

Acq: 09 Oct 2018 06:05

Tgt Ion	Ratio	Lower	Upper
153	100		
152	53.2	38.2	57.4
154	90.3	70.2	105.2





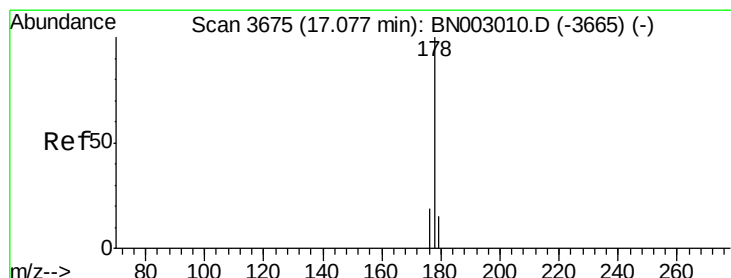
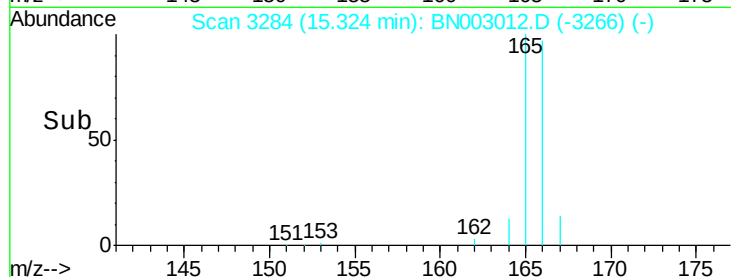
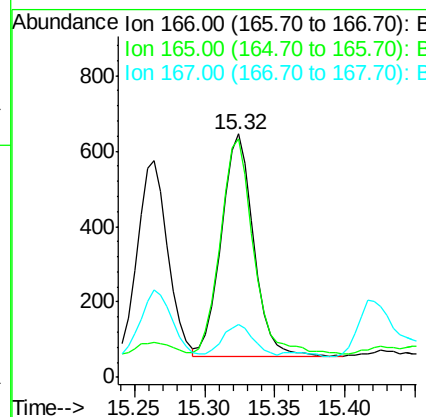
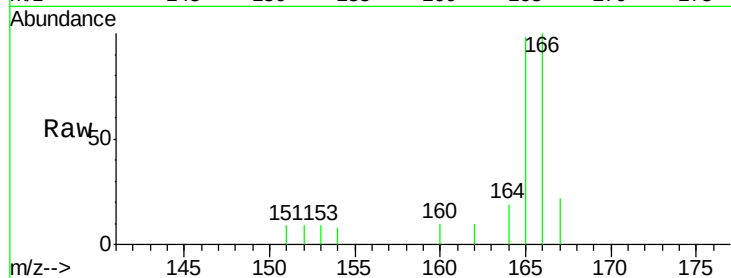
#9
Fluorene
 Concen: 0.077 ng/ul
 RT: 15.32 min Scan# 3284
 Delta R.T. -0.02 min
 Lab File: BN003012.D
 Acq: 09 Oct 2018 06:05

Instrument :
 BNA_N
 ClientSampled :
 JLC56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.5	117.7
167	21.5	11.6	17.4

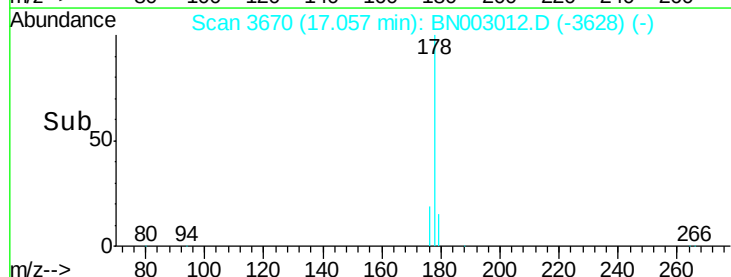
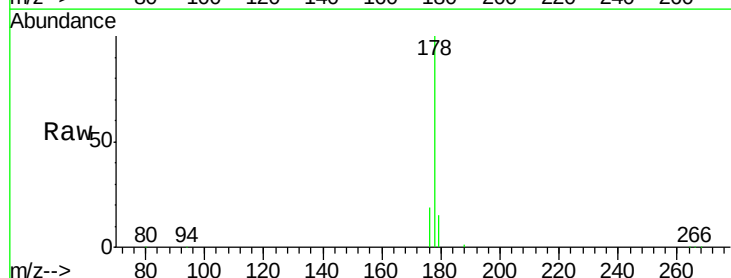
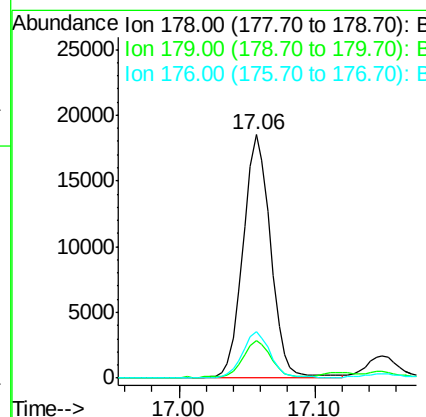
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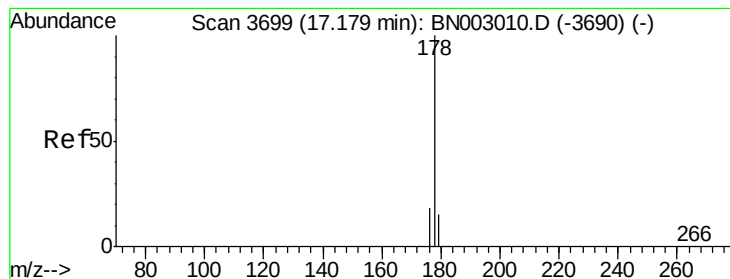
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#12
Phenanthrene
 Concen: 1.263 ng/ul
 RT: 17.06 min Scan# 3670
 Delta R.T. -0.02 min
 Lab File: BN003012.D
 Acq: 09 Oct 2018 06:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.9	19.3
176	18.9	15.4	23.2





#13

Anthracene

Concen: 0.138 ng/ul m

RT: 17.15 min Scan# 3692

Delta R.T. -0.03 min

Lab File: BN003012.D

Acq: 09 Oct 2018 06:05

Instrument :

BNA_N

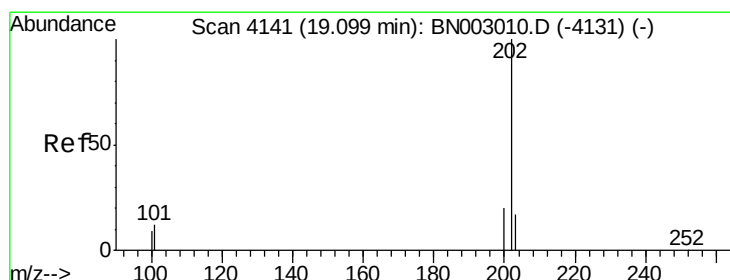
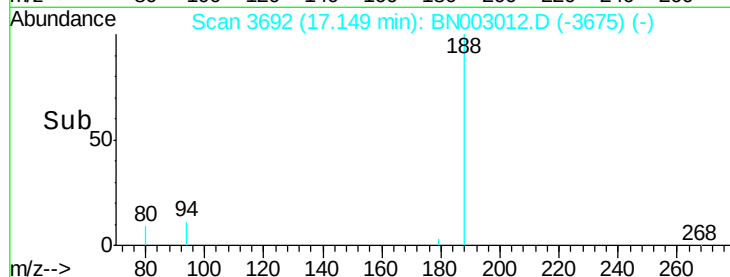
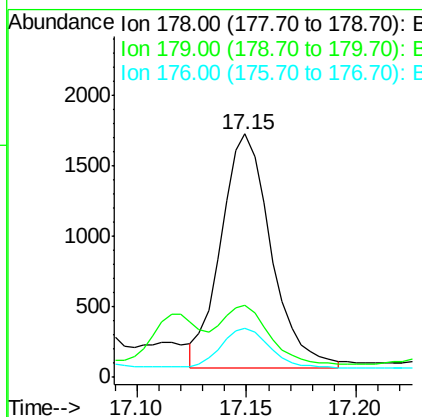
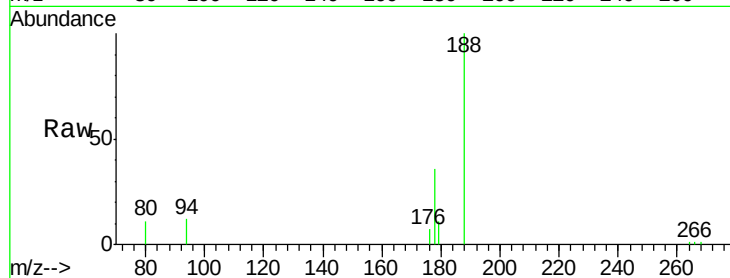
ClientSampleId :

JLC56

Tgt Ion:	178	Resp:	2665
Ion Ratio	Lower	Upper	
178	100		
179	29.4	13.0	19.6#
176	20.4	15.3	22.9

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#15

Fluoranthene

Concen: 2.380 ng/ul m

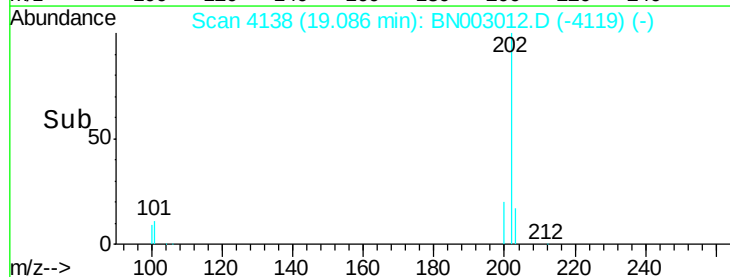
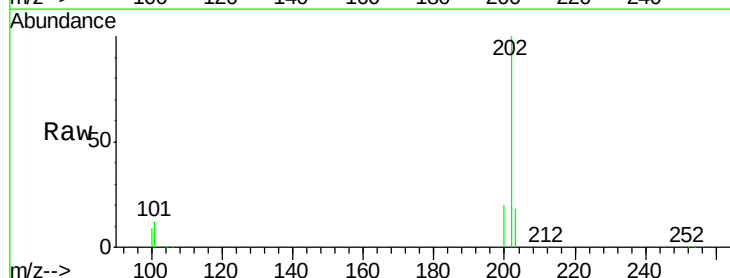
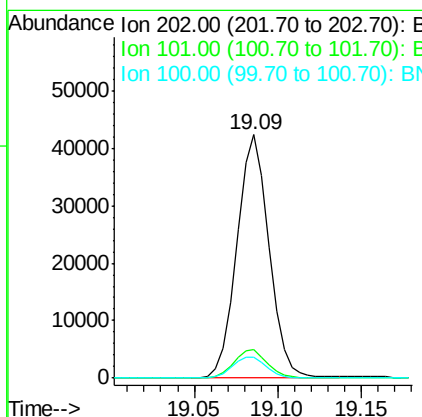
RT: 19.09 min Scan# 4138

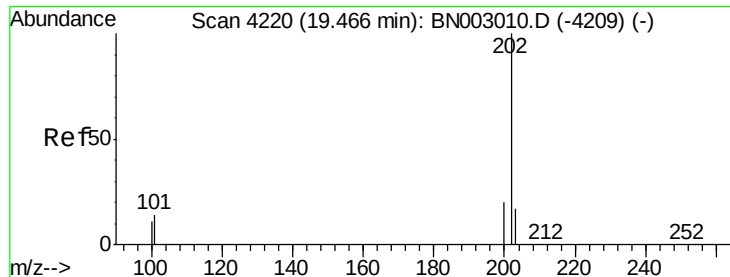
Delta R.T. -0.01 min

Lab File: BN003012.D

Acq: 09 Oct 2018 06:05

Tgt Ion:	202	Resp:	57056
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	32.3
100	8.7	0.0	29.1





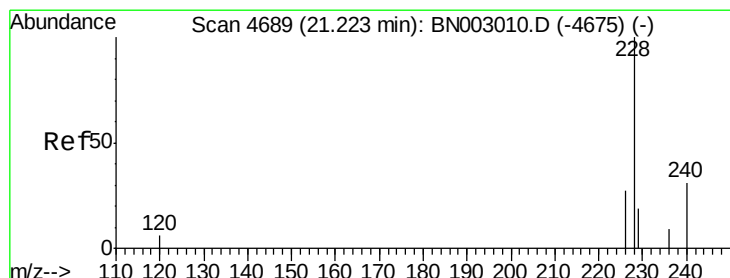
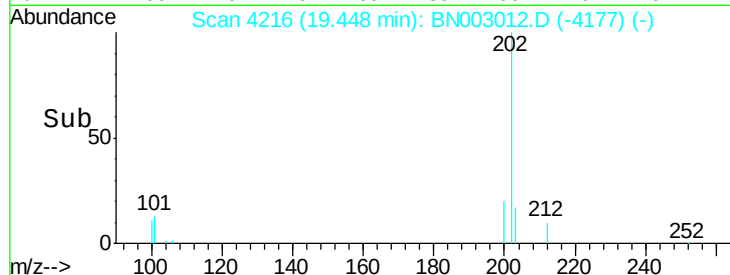
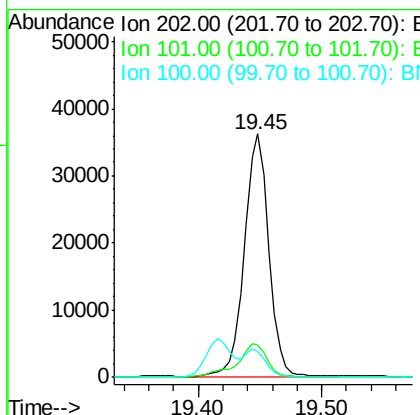
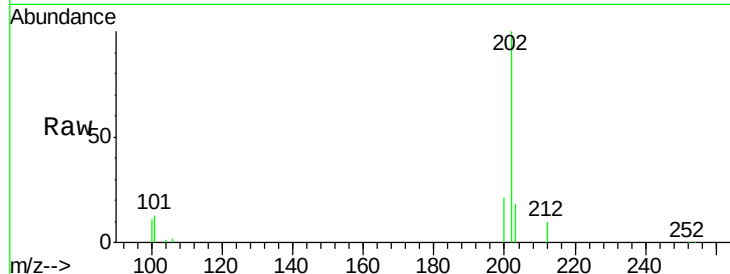
#17
 Pyrene
 Concen: 1.627 ng/ul
 RT: 19.45 min Scan# 4216
 Delta R.T. -0.02 min
 Lab File: BN003012.D
 Acq: 09 Oct 2018 06:05

Instrument :
 BNA_N
 ClientSampled :
 JLC56

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.5	11.9	17.9
100	10.8	9.9	14.9

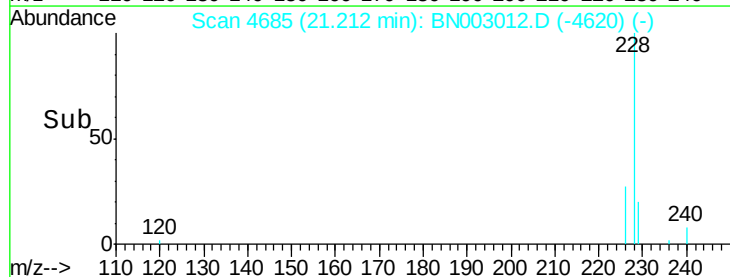
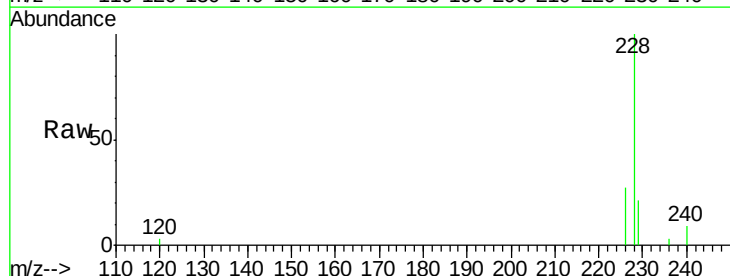
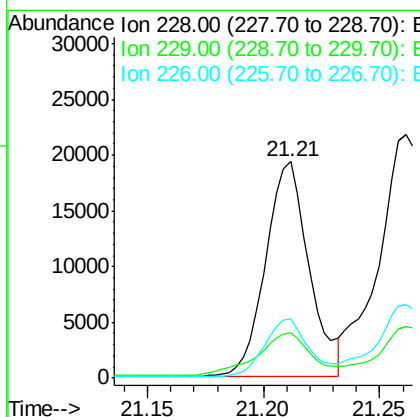
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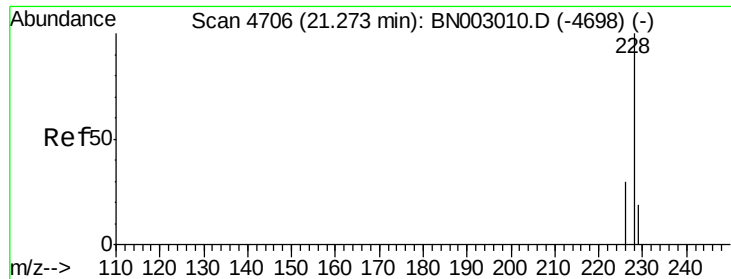
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#18
 Benzo(a)anthracene
 Concen: 0.987 ng/ul
 RT: 21.21 min Scan# 4685
 Delta R.T. -0.01 min
 Lab File: BN003012.D
 Acq: 09 Oct 2018 06:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.1	16.2	24.2
226	27.2	22.3	33.5





#19

Chrysene

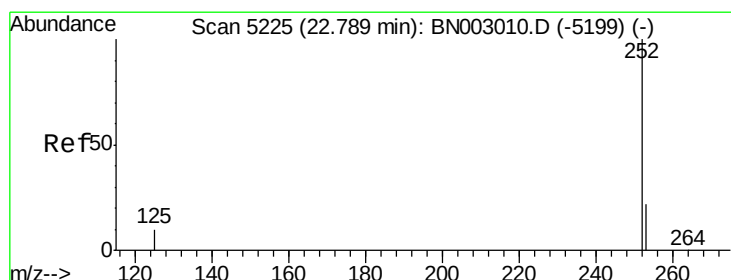
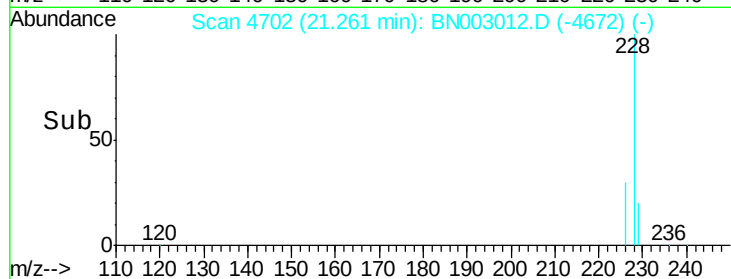
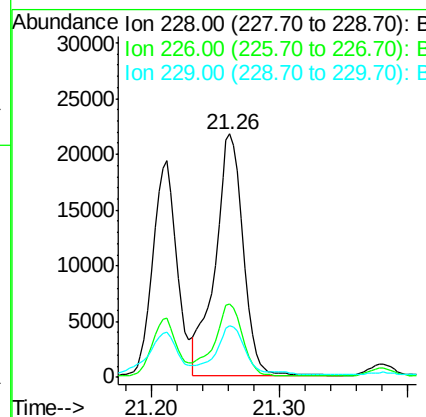
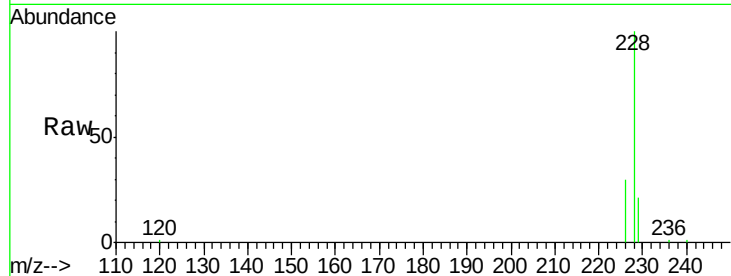
Concen: 1.288 ng/ul
 RT: 21.26 min Scan# 4702
 Delta R.T. -0.01 min
 Lab File: BN003012.D
 Acq: 09 Oct 2018 06:05

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	21.2	16.7	25.1

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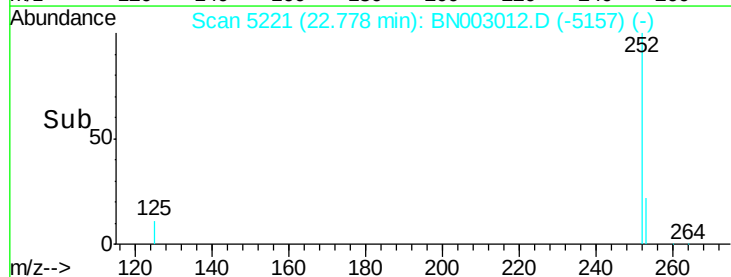
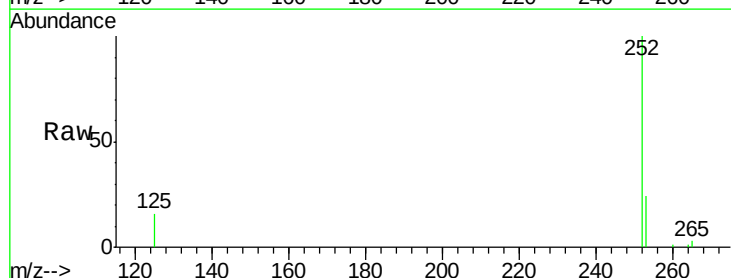
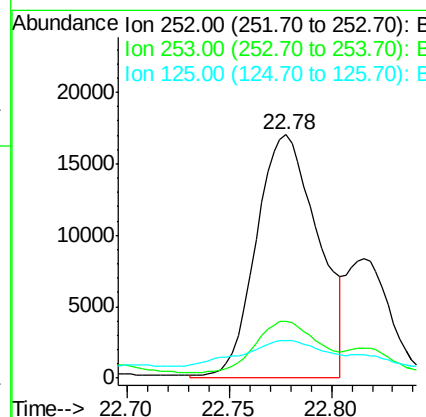


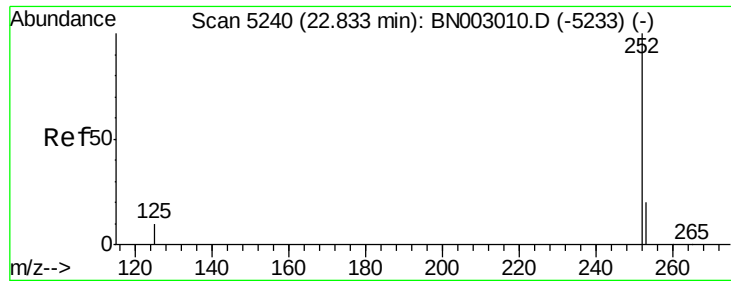
#21

Benzo(b)fluoranthene

Concen: 1.260 ng/ul m
 RT: 22.78 min Scan# 5221
 Delta R.T. -0.01 min
 Lab File: BN003012.D
 Acq: 09 Oct 2018 06:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	53.2
125	15.5	0.0	34.2





#22

Benzo(k)fluoranthene

Concen: 0.416 ng/ul m

RT: 22.82 min Scan# 5234

Delta R.T. -0.02 min

Lab File: BN003012.D

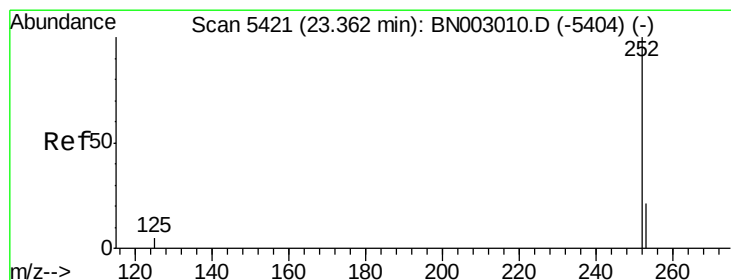
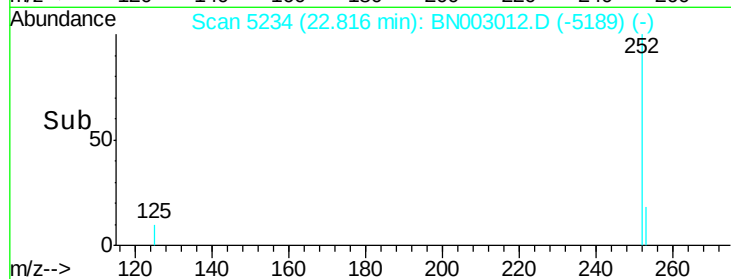
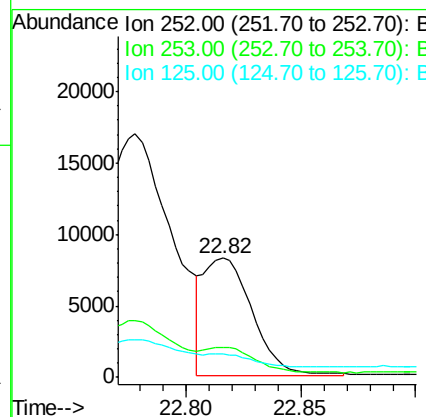
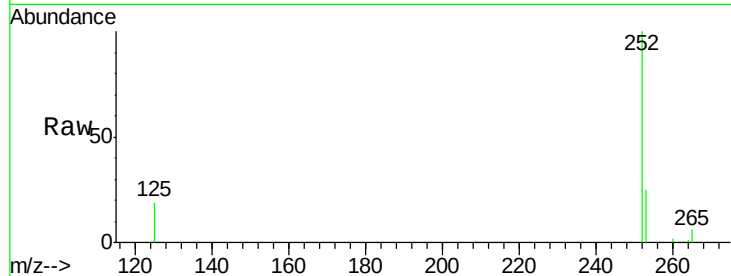
Acq: 09 Oct 2018 06:05

Instrument :
BNA_N
ClientSampled :
JLC56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	21.3	31.9
125	19.3	14.1	21.1

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#23

Benzo(a)pyrene

Concen: 0.701 ng/ul

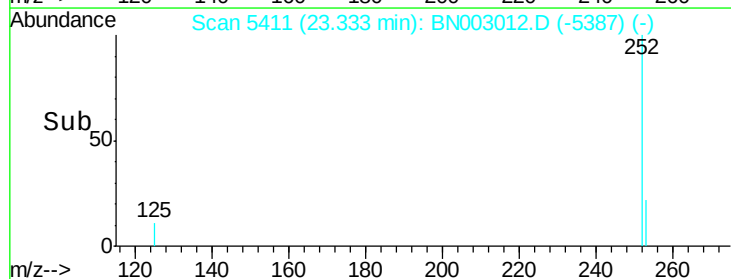
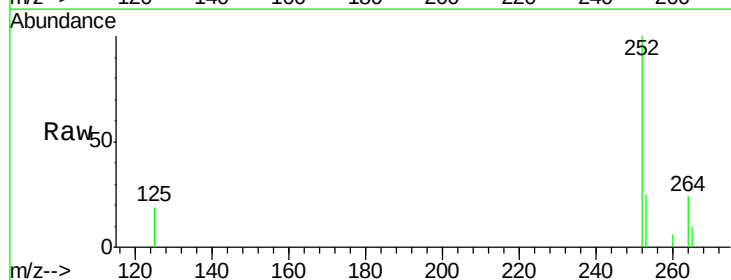
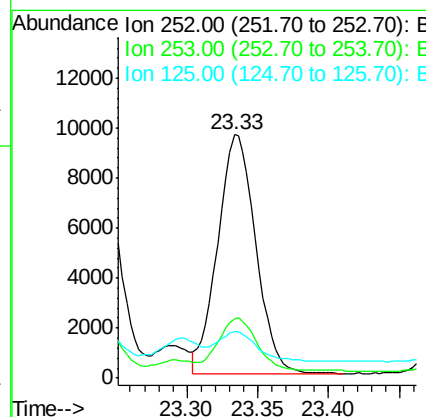
RT: 23.33 min Scan# 5411

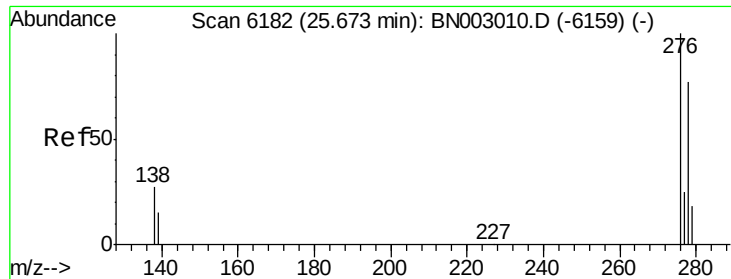
Delta R.T. -0.03 min

Lab File: BN003012.D

Acq: 09 Oct 2018 06:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	23.1	34.7
125	19.1	16.9	25.3





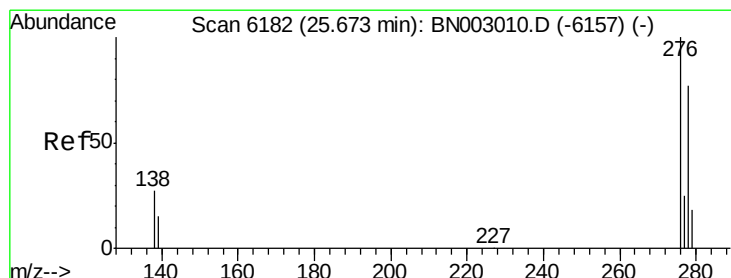
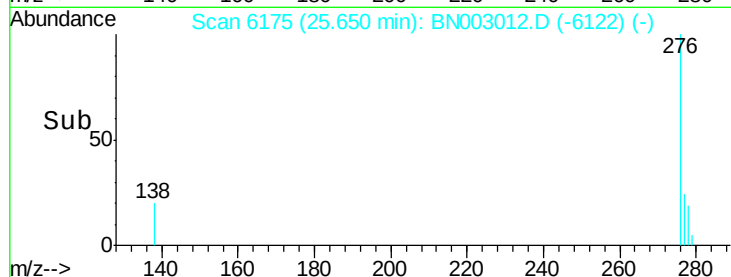
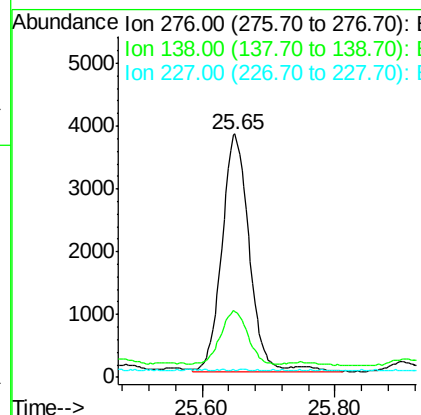
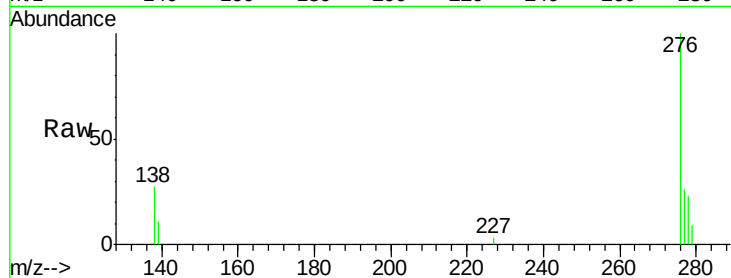
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.374 ng/ul
 RT: 25.65 min Scan# 6175
 Delta R.T. -0.02 min
 Lab File: BN003012.D
 Acq: 09 Oct 2018 06:05

Instrument :
 BNA_N
 ClientSampleId :
 JLC56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.0	21.5	32.3
227	0.0	0.3	0.5#

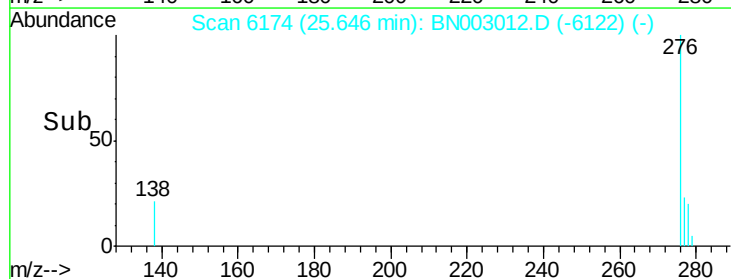
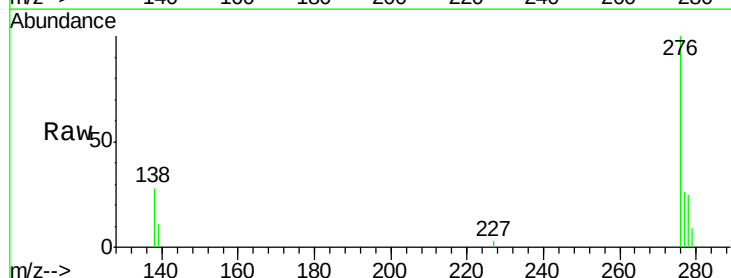
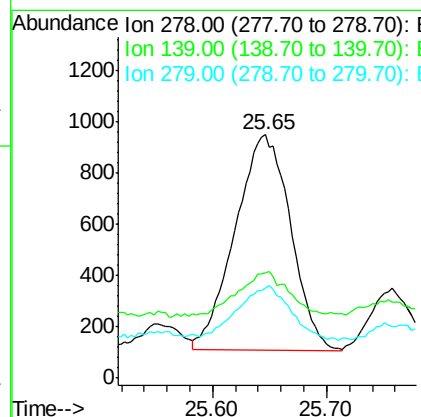
Manual Integrations
 APPROVED

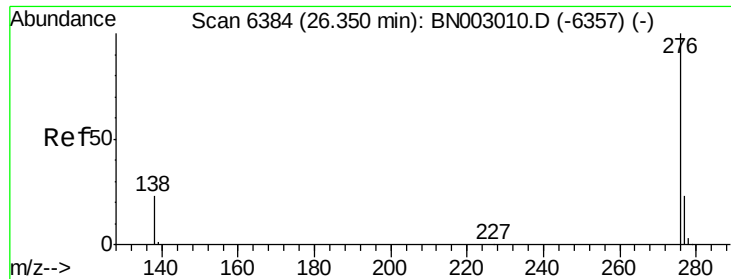
Sohil
 10/9/2018 5:38:25 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.121 ng/ul
 RT: 25.65 min Scan# 6174
 Delta R.T. -0.03 min
 Lab File: BN003012.D
 Acq: 09 Oct 2018 06:05

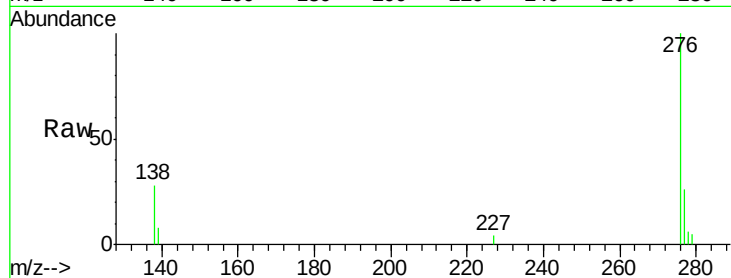
Tgt Ion	Ratio	Lower	Upper
278	100		
139	43.1	20.2	30.4#
279	37.0	23.8	35.8#





#26
 Benzo(g,h,i)perylene
 Concen: 0.373 ng/ul
 RT: 26.33 min Scan# 6378
 Delta R.T. -0.02 min
 Lab File: BN003012.D
 Acq: 09 Oct 2018 06:05

Instrument :
 BNA_N
 ClientSampleId :
 JLC56



Tgt Ion:	276	Resp:	9140
Ion Ratio	Lower	Upper	
276	100		
138	28.4	23.0	34.4
277	26.4	22.0	33.0

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:25 PM

