

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
 Data File : BN003013.D
 Acq On : 09 Oct 2018 06:40
 Operator : MJ/SJ
 Sample : J5116-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC59

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:26 PM

Quant Time: Oct 09 09:09:59 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	1155	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	5121	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3419	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	7529m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	7916m	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	7766m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3370	0.42	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	9732m	0.45	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	37665	2.866	ng/ul	97
5) 2-Methylnaphthalene	12.07	142	26005	2.875	ng/ul	97
7) Acenaphthylene	13.98	152	8407	0.537	ng/ul#	92
8) Acenaphthene	14.32	153	21118	1.779	ng/ul	99
9) Fluorene	15.32	166	23085	1.698	ng/ul	99
11) Pentachlorophenol	16.71	266	278m	0.380	ng/ul	
12) Phenanthrene	17.06	178	252259m	12.019	ng/ul	
13) Anthracene	17.15	178	39587m	1.997	ng/ul	
15) Fluoranthene	19.08	202	375943m	15.268	ng/ul	
17) Pyrene	19.45	202	363696	11.829	ng/ul	96
18) Benzo(a)anthracene	21.21	228	200906m	7.887	ng/ul	
19) Chrysene	21.26	228	319103m	12.336	ng/ul	
21) Benzo(b)fluoranthene	22.77	252	381384m	13.636	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	115994m	4.001	ng/ul	
23) Benzo(a)pyrene	23.34	252	200491m	7.999	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.63	276	149059	5.175	ng/ul	93
25) Dibenzo(a,h)anthracene	25.63	278	38247m	1.659	ng/ul	
26) Benzo(g,h,i)perylene	26.31	276	131202m	5.402	ng/ul	

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

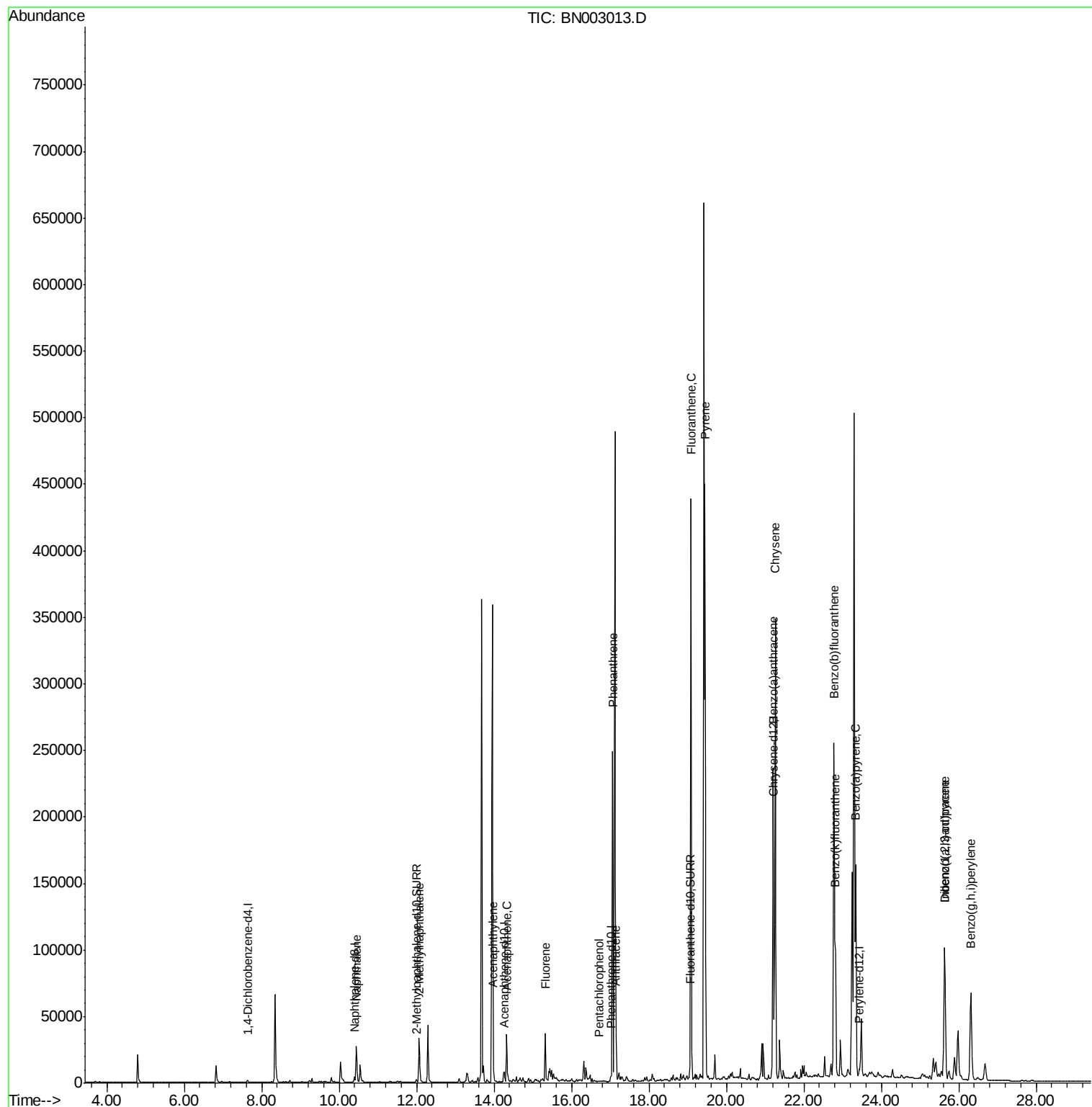
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
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ALS Vial : 28 Sample Multiplier: 1

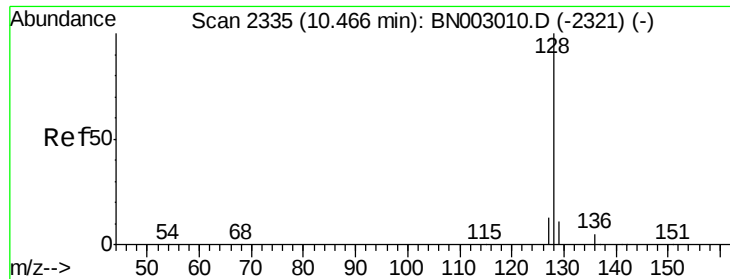
Instrument :
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#3

Naphthalene

Concen: 2.866 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

Instrument :

BNA_N

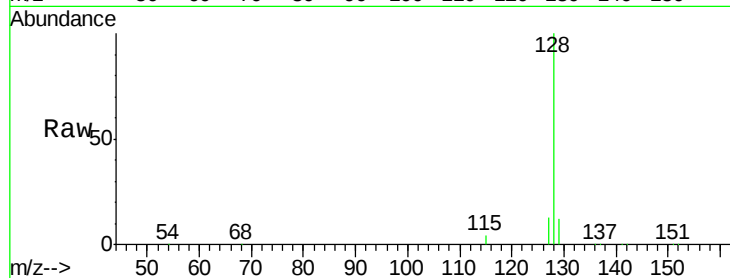
ClientSampleId :

JLC59

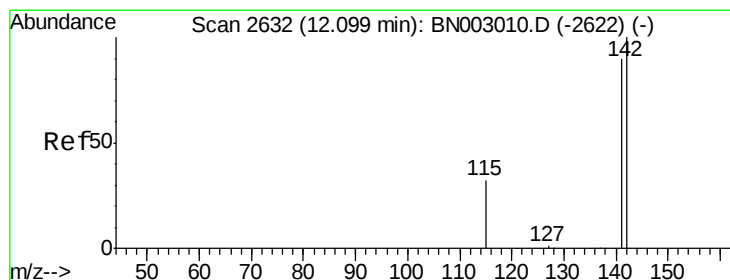
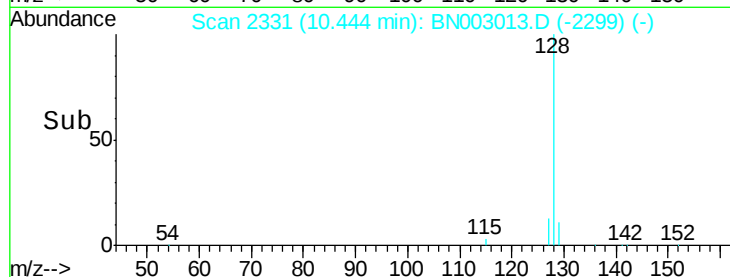
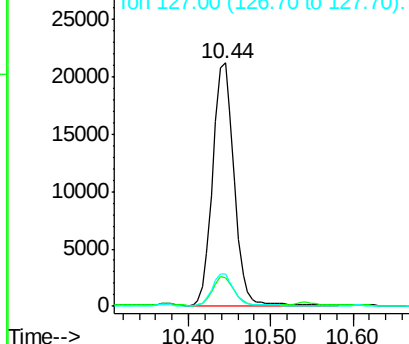
Tgt Ion:	128	Resp:	37665
Ion Ratio	Lower	Upper	
128	100		
129	11.9	10.4	15.6
127	13.2	11.7	17.5

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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: 2.875 ng/ul

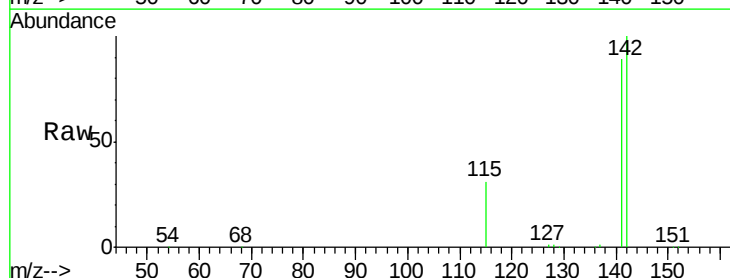
RT: 12.07 min Scan# 2626

Delta R.T. -0.03 min

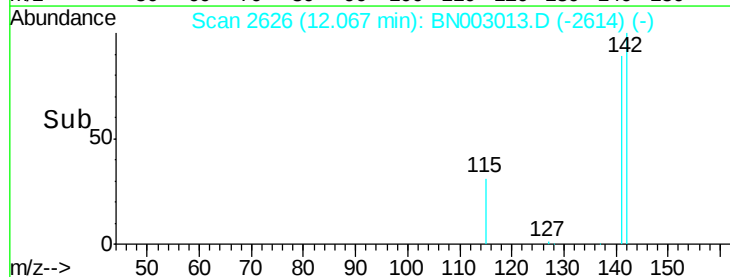
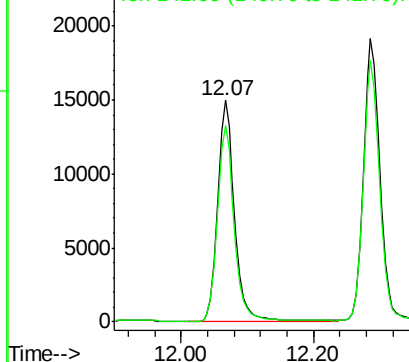
Lab File: BN003013.D

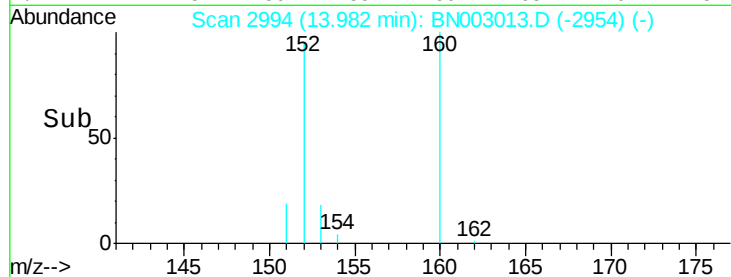
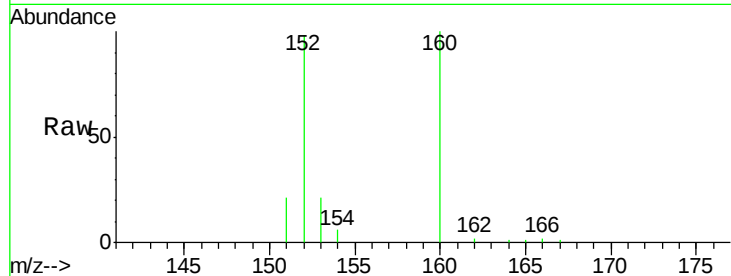
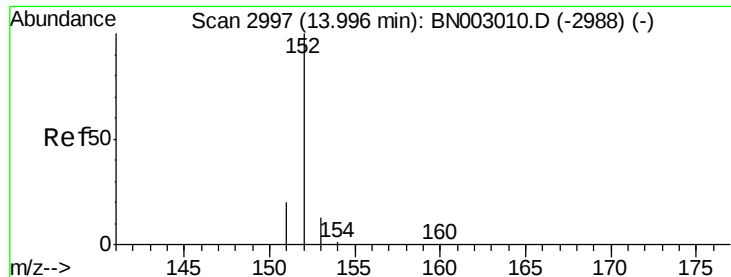
Acq: 09 Oct 2018 06:40

Tgt Ion:	142	Resp:	26005
Ion Ratio	Lower	Upper	
142	100		
141	88.9	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: 0.537 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

Instrument :

BNA_N

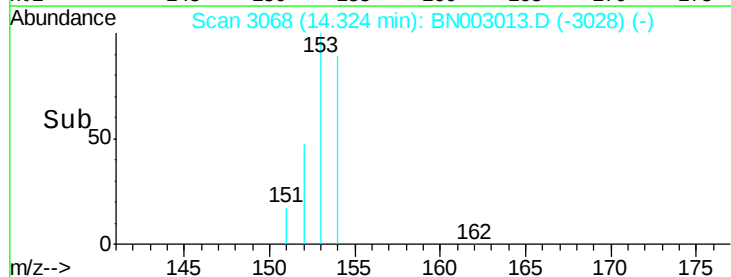
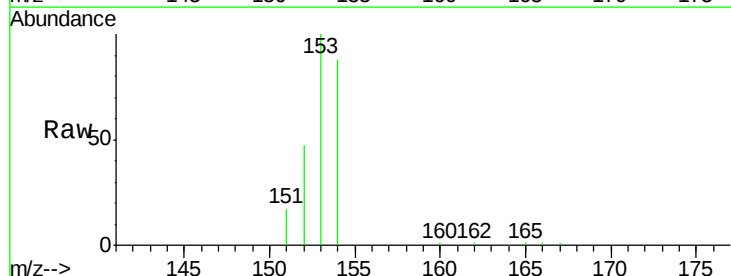
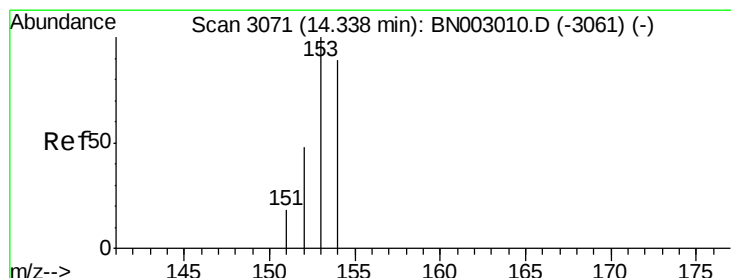
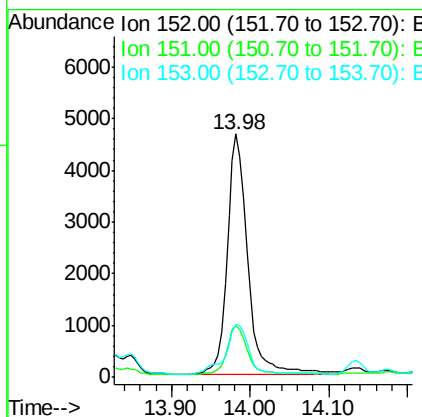
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Tgt Ion:	152	Resp:	8407
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.5	24.7
153	21.9	11.4	17.2#



#8

Acenaphthene

Concen: 1.779 ng/ul

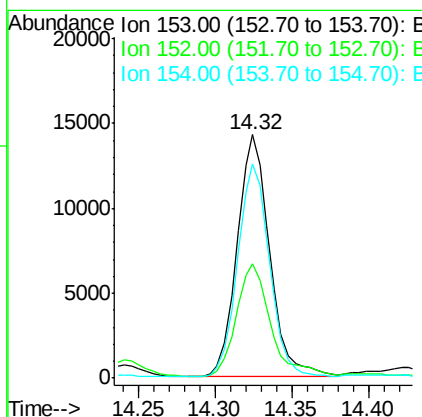
RT: 14.32 min Scan# 3068

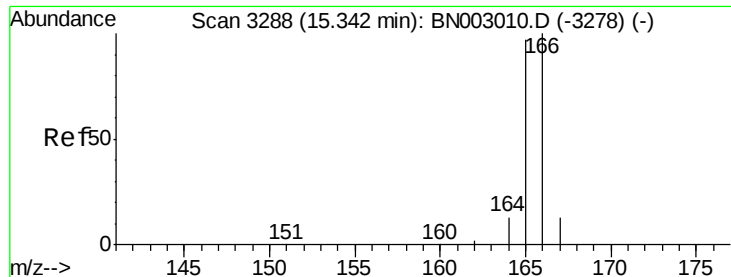
Delta R.T. -0.01 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

Tgt Ion:	153	Resp:	21118
Ion Ratio	Lower	Upper	
153	100		
152	47.0	38.2	57.4
154	88.1	70.2	105.2





#9

Fluorene

Concen: 1.698 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

Instrument :

BNA_N

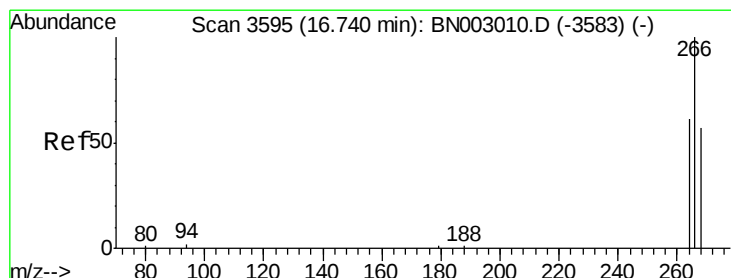
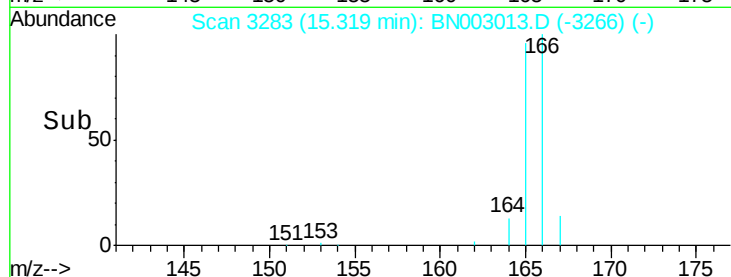
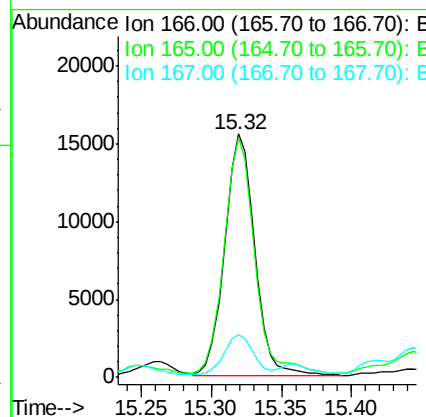
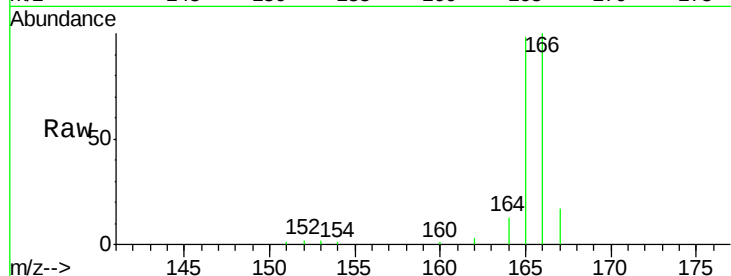
ClientSampleId :

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Tgt Ion:	166	Resp:	23085
Ion Ratio	Lower	Upper	
166	100		
165	98.3	78.5	117.7
167	17.3	11.6	17.4

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#11

Pentachlorophenol

Concen: 0.380 ng/ul m

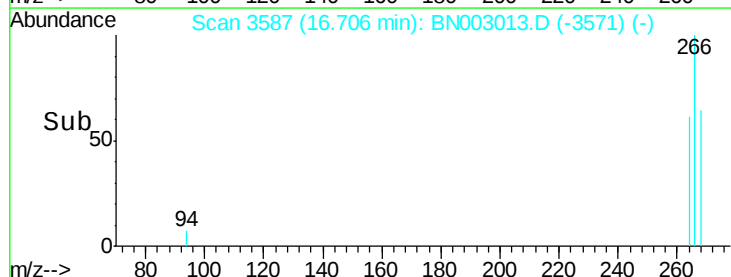
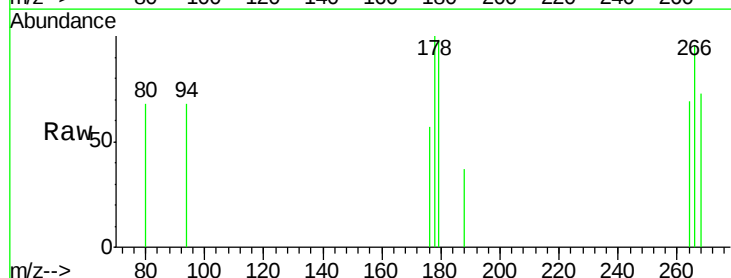
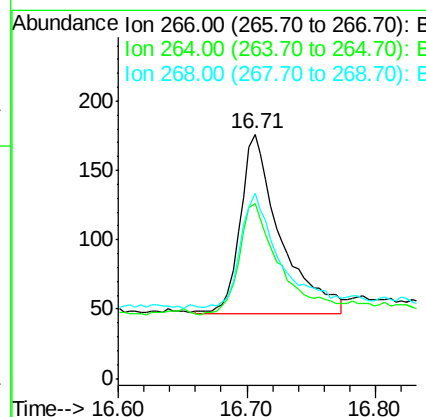
RT: 16.71 min Scan# 3587

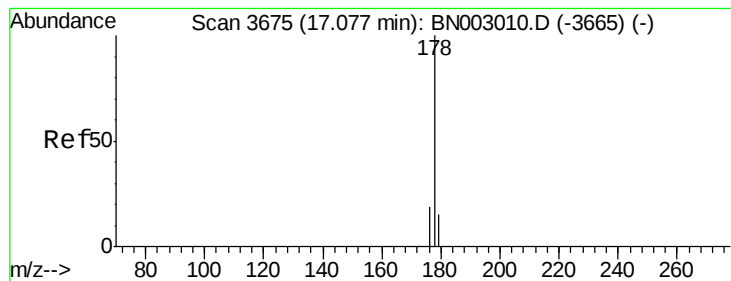
Delta R.T. -0.03 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

Tgt Ion:	266	Resp:	278
Ion Ratio	Lower	Upper	
266	100		
264	0.7	52.5	78.7#
268	0.7	48.6	72.8#





#12

Phenanthrene

Concen: 12.019 ng/ul m

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003013.D

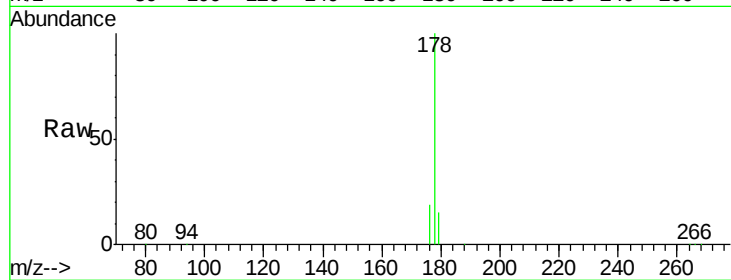
Acq: 09 Oct 2018 06:40

Instrument :

BNA_N

ClientSampled :

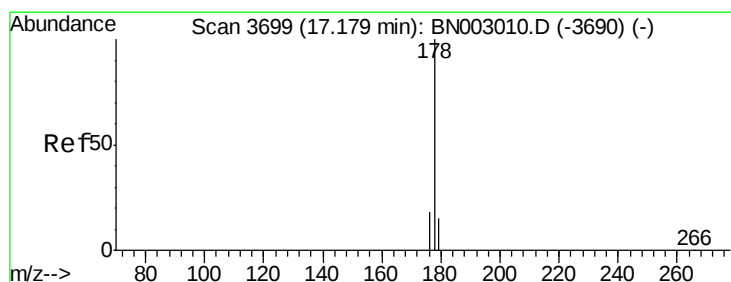
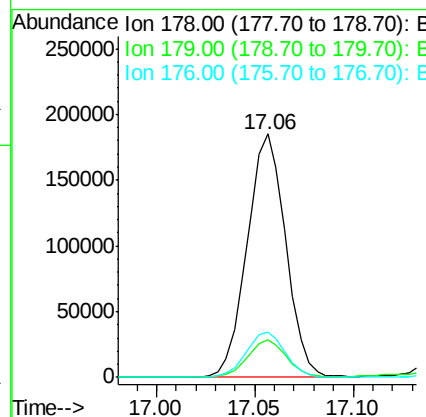
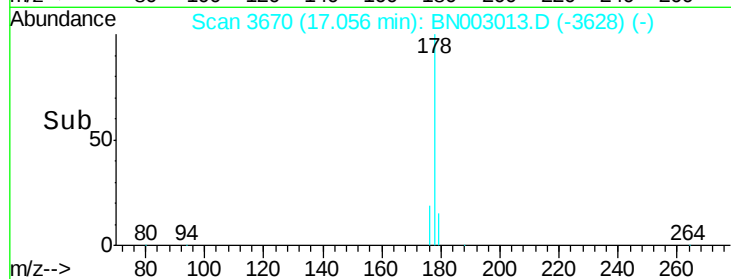
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	18.8	15.4	23.2

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#13

Anthracene

Concen: 1.997 ng/ul m

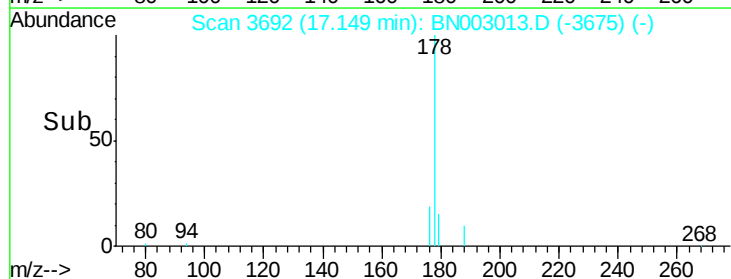
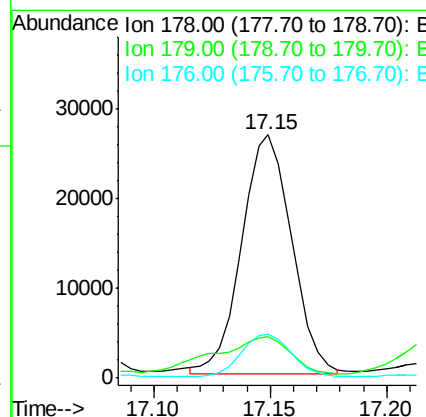
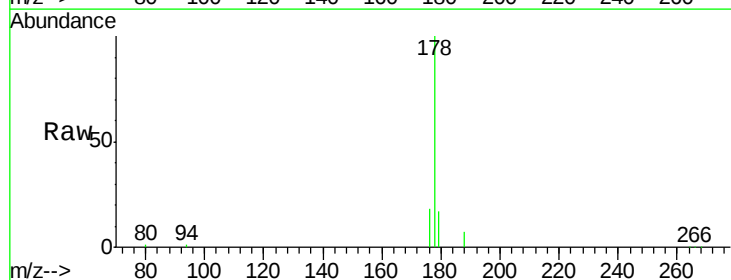
RT: 17.15 min Scan# 3692

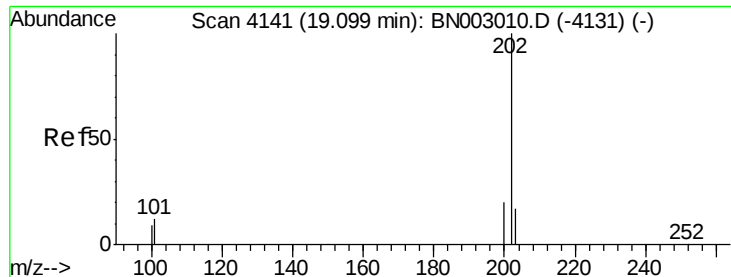
Delta R.T. -0.03 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.6
176	18.1	15.3	22.9





#15

Fluoranthene

Concen: 15.268 ng/ul m

RT: 19.08 min Scan# 4137

Delta R.T. -0.02 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

Instrument :

BNA_N

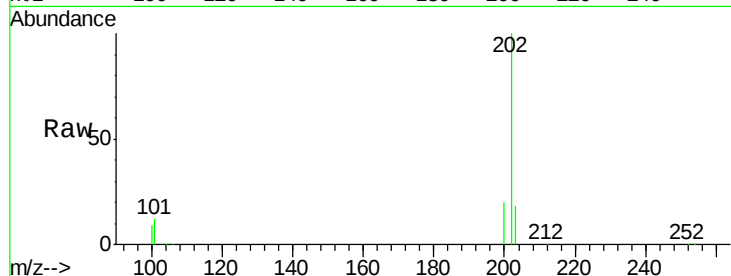
ClientSampleId :

JLC59

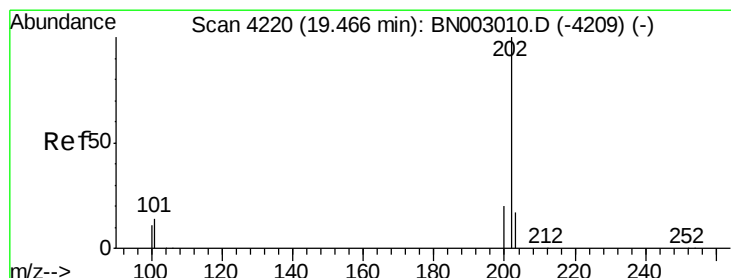
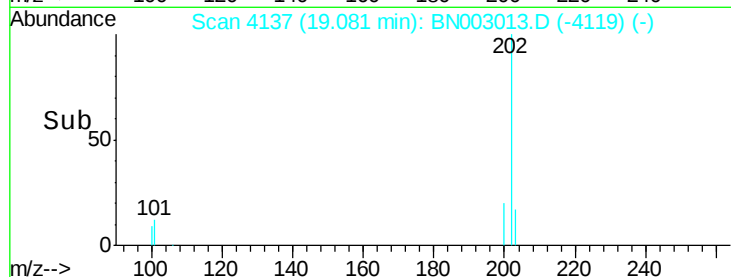
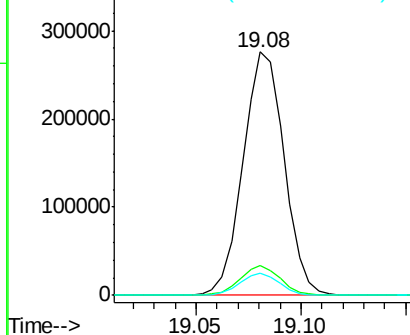
Tgt	Ion	202	Resp:	375943
Ion	Ratio	Lower	Upper	
202	100			
101	12.1	0.0	32.3	
100	9.0	0.0	29.1	

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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: 11.829 ng/ul

RT: 19.45 min Scan# 4216

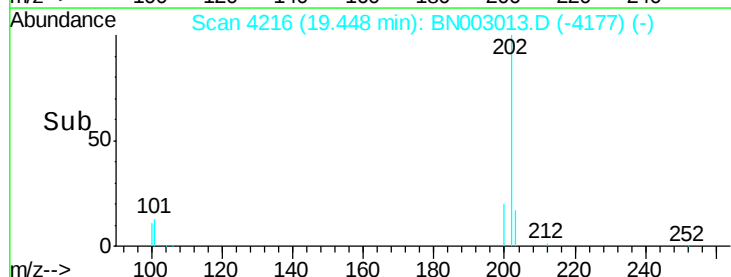
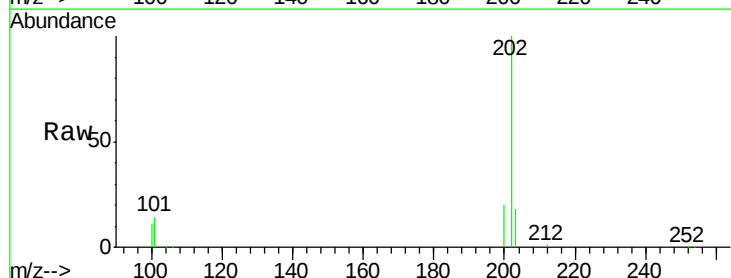
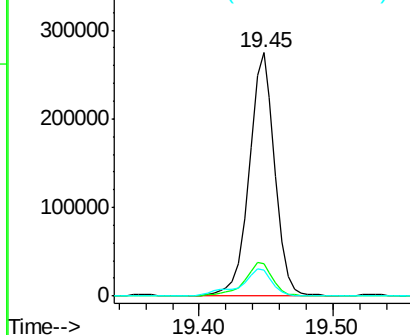
Delta R.T. -0.02 min

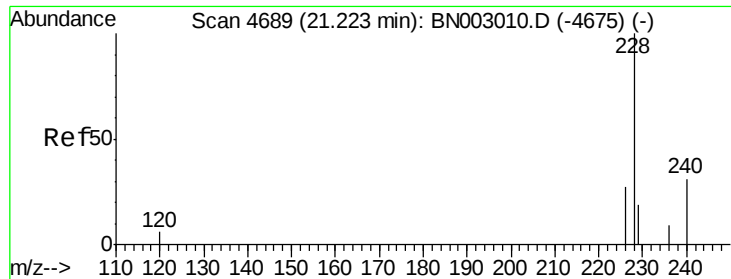
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Tgt	Ion	202	Resp:	363696
Ion	Ratio	Lower	Upper	
202	100			
101	13.5	11.9	17.9	
100	10.7	9.9	14.9	

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: 7.887 ng/ul m

RT: 21.21 min Scan# 4683

Delta R.T. -0.02 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

Instrument :

BNA_N

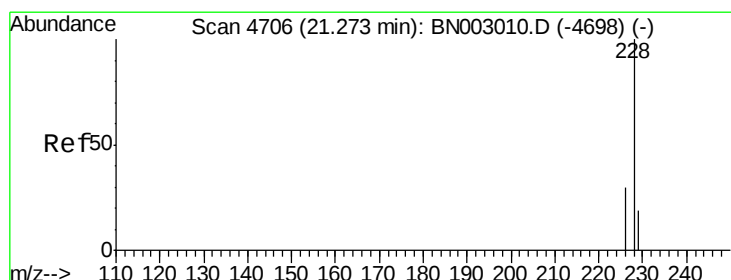
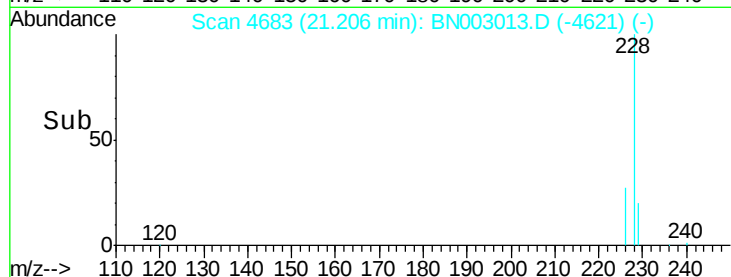
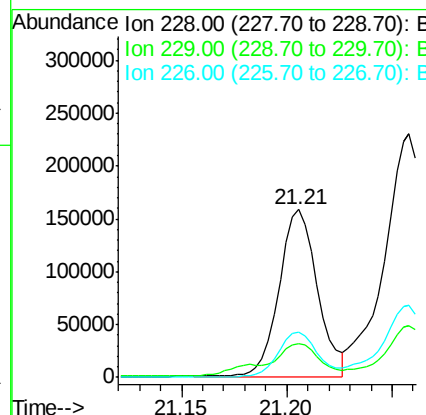
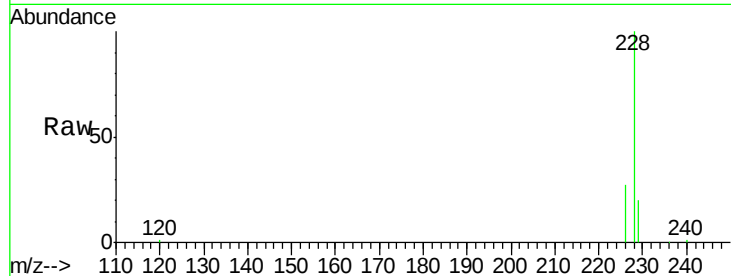
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Tgt Ion:	228	Resp:	200906
Ion Ratio	Lower	Upper	
228	100		
229	20.4	16.2	24.2
226	26.9	22.3	33.5

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#19

Chrysene

Concen: 12.336 ng/ul m

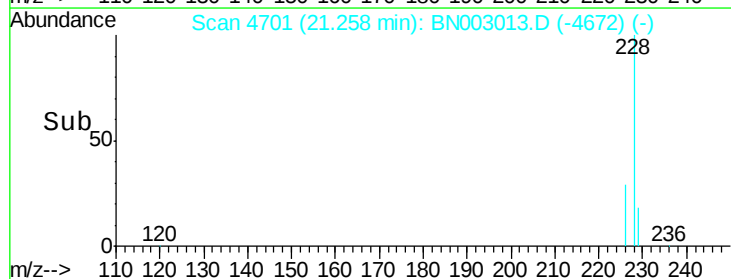
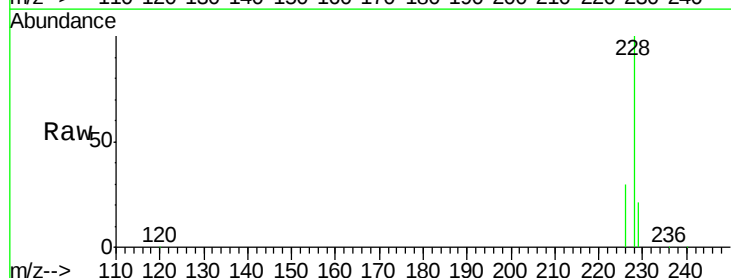
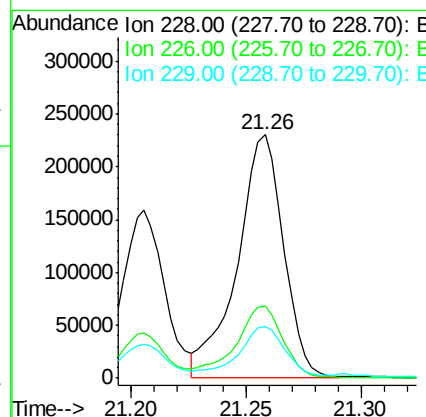
RT: 21.26 min Scan# 4701

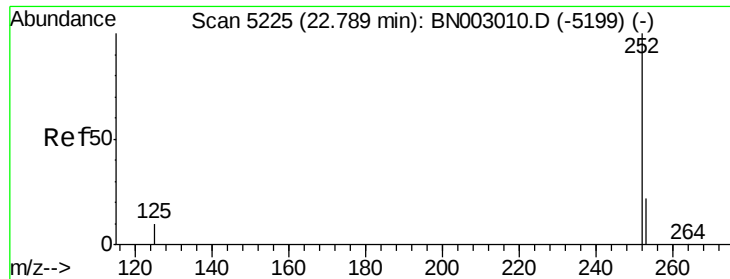
Delta R.T. -0.01 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

Tgt Ion:	228	Resp:	319103
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.2	36.4
229	21.3	16.7	25.1





#21

Benzo(b)fluoranthene

Concen: 13.636 ng/ul m

RT: 22.77 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN003013.D

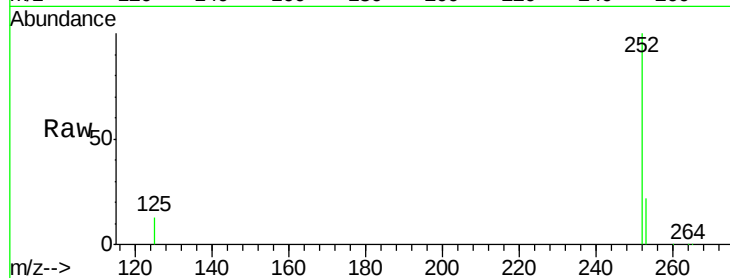
Acq: 09 Oct 2018 06:40

Instrument :

BNA_N

ClientSampled :

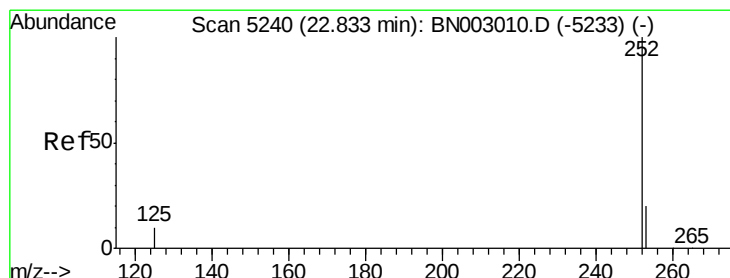
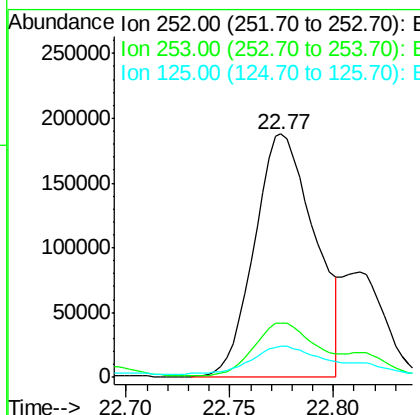
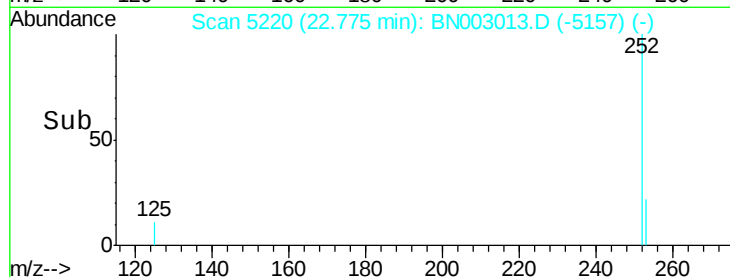
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	381384		
253	22.5	0.0	53.2	
125	12.7	0.0	34.2	

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#22

Benzo(k)fluoranthene

Concen: 4.001 ng/ul m

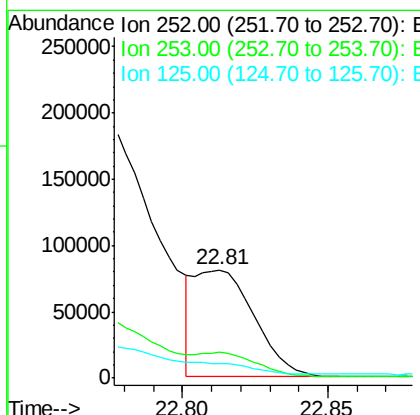
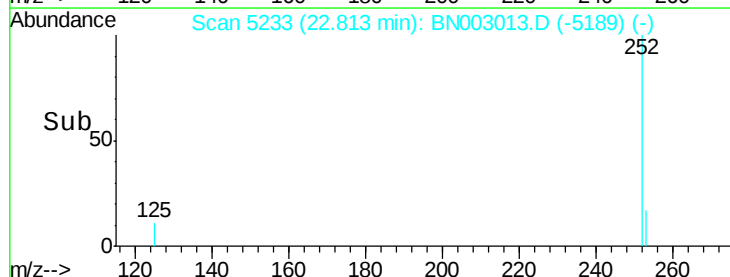
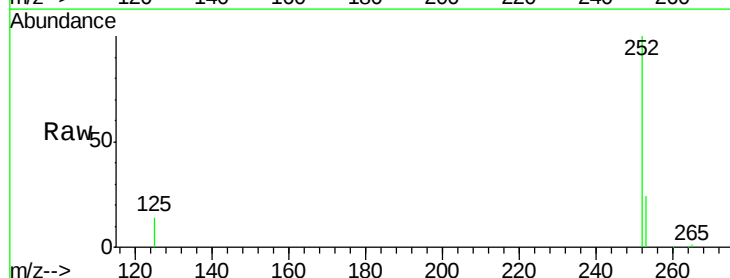
RT: 22.81 min Scan# 5233

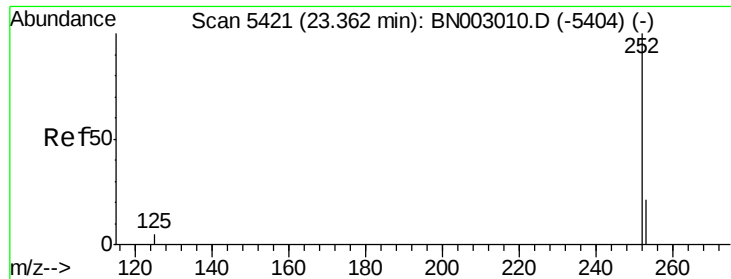
Delta R.T. -0.02 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	115994		
253	23.6	21.3	31.9	
125	13.8	14.1	21.1	





#23

Benzo(a)pyrene

Concen: 7.999 ng/ul m

RT: 23.34 min Scan# 5412

Delta R.T. -0.03 min

Lab File: BN003013.D

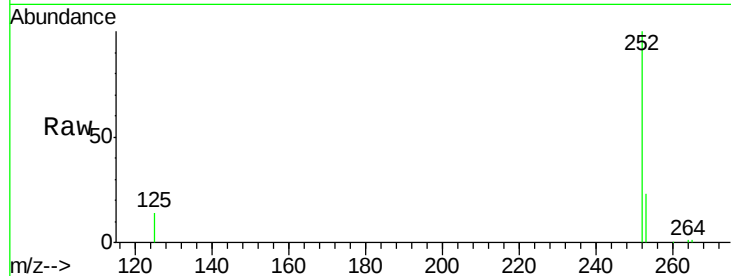
Acq: 09 Oct 2018 06:40

Instrument :

BNA_N

ClientSampleId :

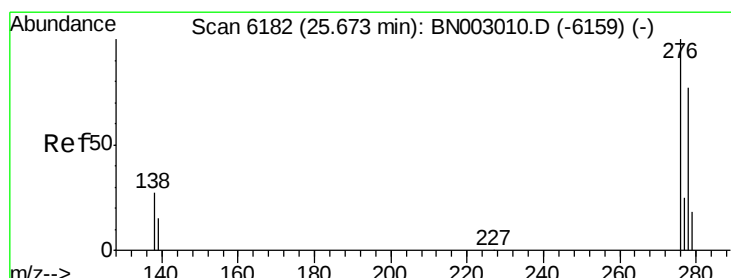
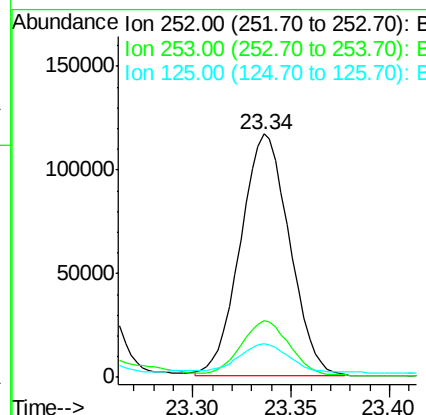
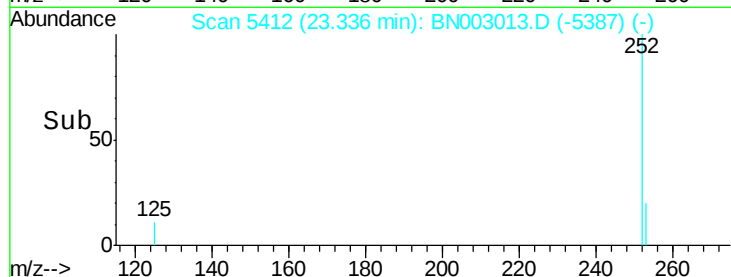
JLC59



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	23.1	34.7#
125	13.7	16.9	25.3#

Manual Integrations
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Sohil
10/9/2018 5:38:26 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 5.175 ng/ul

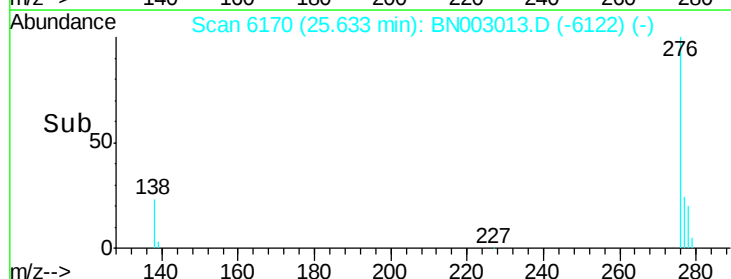
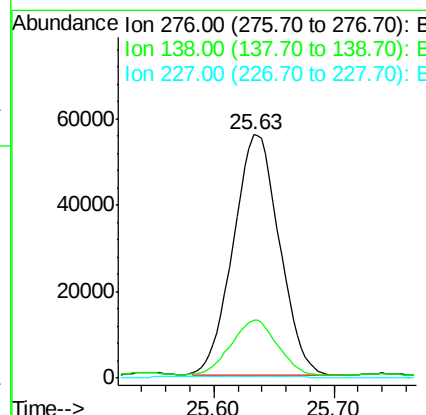
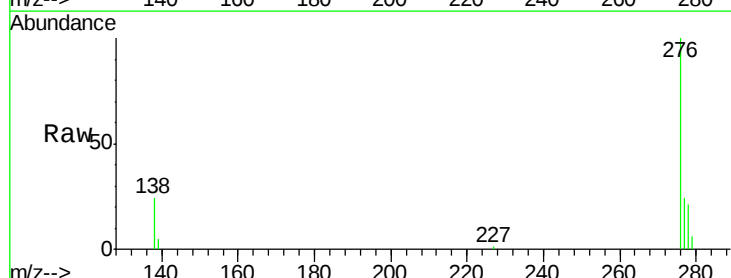
RT: 25.63 min Scan# 6170

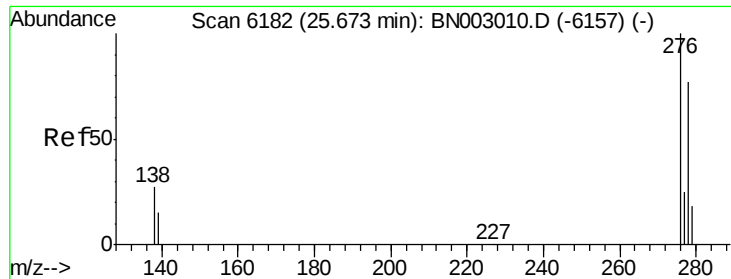
Delta R.T. -0.04 min

Lab File: BN003013.D

Acq: 09 Oct 2018 06:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	21.5	32.3
227	0.3	0.3	0.5





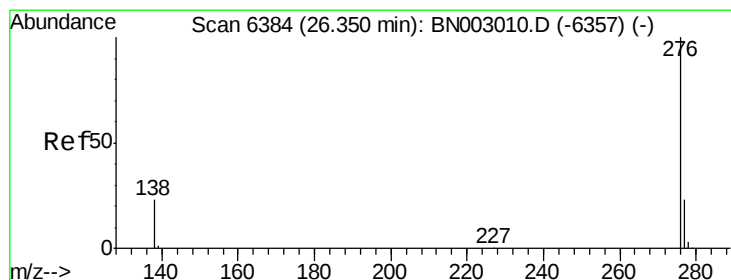
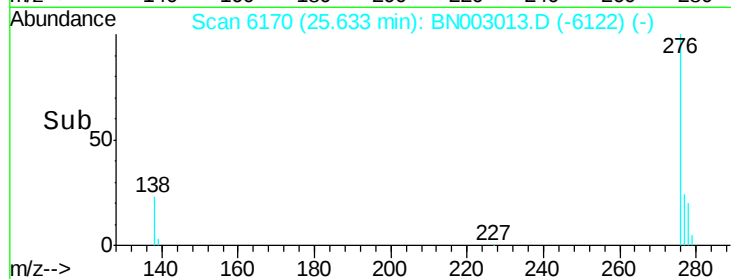
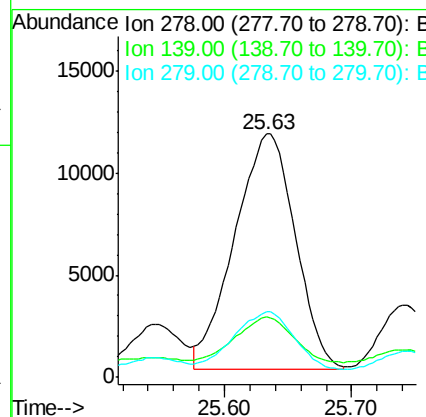
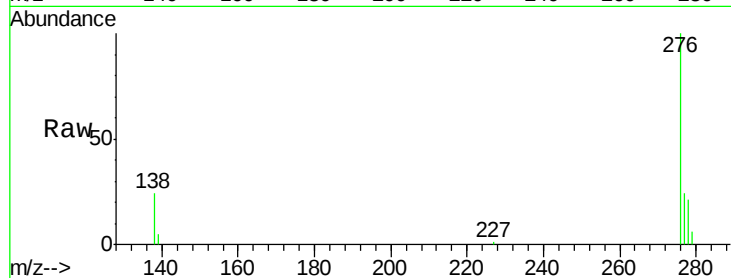
#25
Dibenzo(a,h)anthracene
Concen: 1.659 ng/ul m
RT: 25.63 min Scan# 6170
Delta R.T. -0.04 min
Lab File: BN003013.D
Acq: 09 Oct 2018 06:40

Instrument :
BNA_N
ClientSampleId :
JLC59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.7	20.2	30.4
279	26.9	23.8	35.8

Manual Integrations
APPROVED

Sohil
10/9/2018 5:38:26 PM



#26
Benzo(g,h,i)perylene
Concen: 5.402 ng/ul m
RT: 26.31 min Scan# 6372
Delta R.T. -0.04 min
Lab File: BN003013.D
Acq: 09 Oct 2018 06:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	23.0	34.4
277	24.0	22.0	33.0

