

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
 Data File : BN003019.D
 Acq On : 09 Oct 2018 10:10
 Operator : MJ/SJ
 Sample : J5115-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC46

Manual Integrations
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 10/9/2018 5:38:33 PM

Quant Time: Oct 09 11:00:35 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	1081	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	4744	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3015	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7321m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	7684m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	6977m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	2273	0.31	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	6896m	0.33	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	1026	0.084	ng/ul#	87
5) 2-Methylnaphthalene	12.08	142	839	0.100	ng/ul	97
7) Acenaphthylene	13.98	152	1700	0.123	ng/ul#	90
8) Acenaphthene	14.32	153	539	0.051	ng/ul#	93
9) Fluorene	15.32	166	593	0.049	ng/ul#	92
12) Phenanthrene	17.06	178	21620	1.059	ng/ul	100
13) Anthracene	17.15	178	6265m	0.325	ng/ul	
15) Fluoranthene	19.09	202	88419m	3.693	ng/ul	
17) Pyrene	19.45	202	96864	3.246	ng/ul	96
18) Benzo(a)anthracene	21.21	228	60470m	2.445	ng/ul	
19) Chrysene	21.26	228	130519m	5.198	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	144997m	5.771	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	36185m	1.389	ng/ul	
23) Benzo(a)pyrene	23.34	252	50078m	2.224	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.65	276	54382m	2.102	ng/ul	
25) Dibenzo(a,h)anthracene	25.65	278	13957m	0.674	ng/ul	
26) Benzo(g,h,i)perylene	26.33	276	55935	2.563	ng/ul	97

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

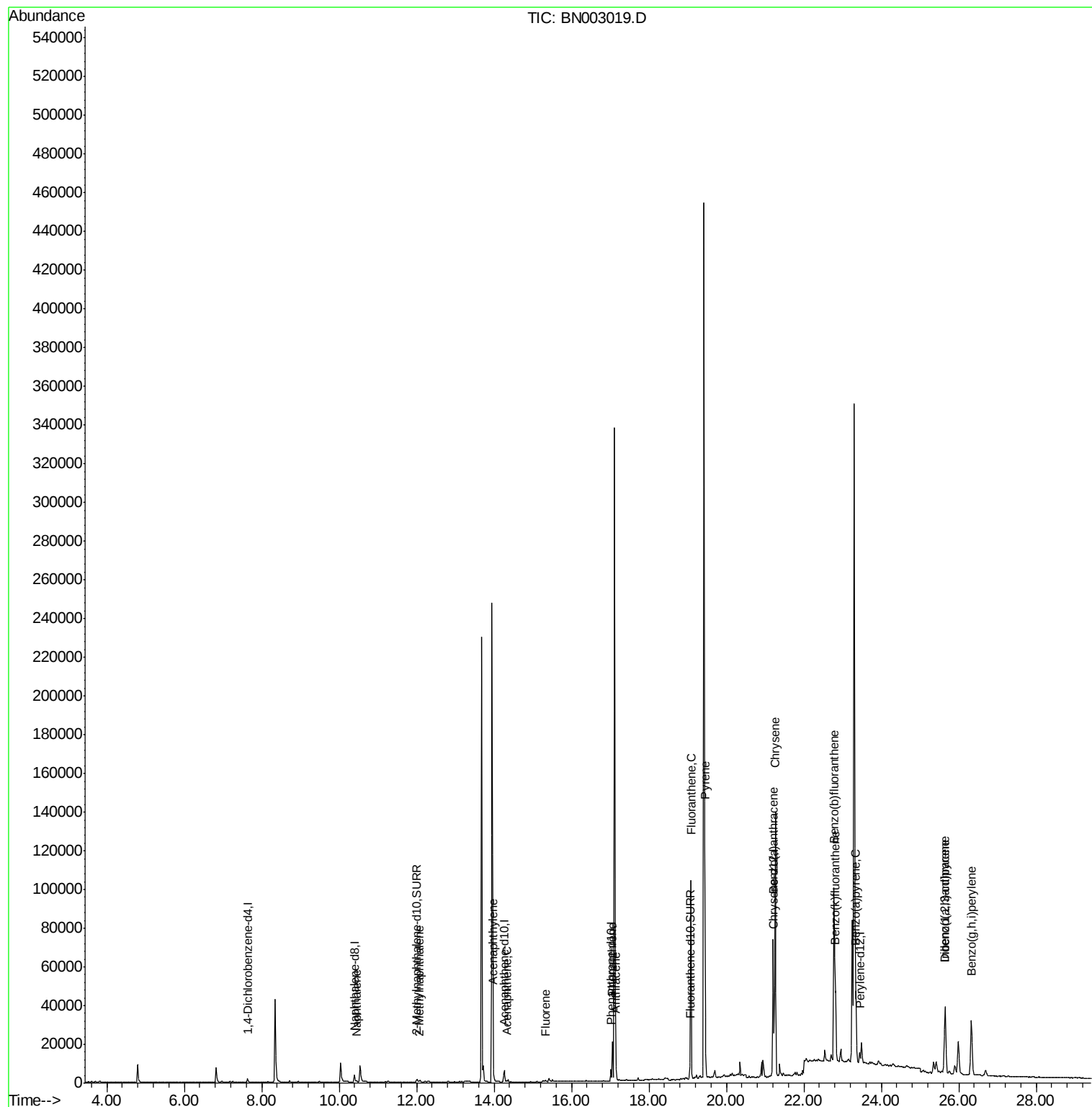
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
Data File : BN003019.D
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Misc :
ALS Vial : 34 Sample Multiplier: 1

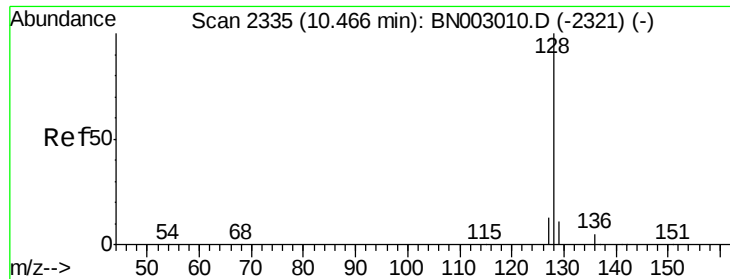
Instrument :
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#3

Naphthalene

Concen: 0.084 ng/u1

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003019.D

Acq: 09 Oct 2018 10:10

Instrument :

BNA_N

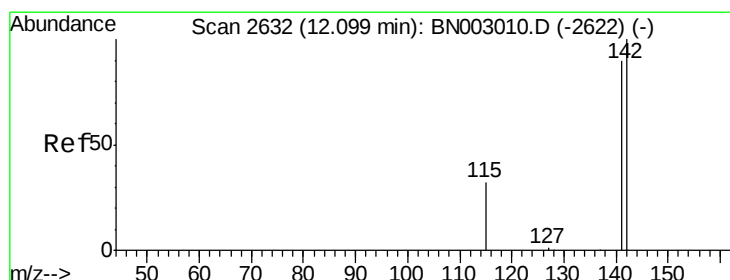
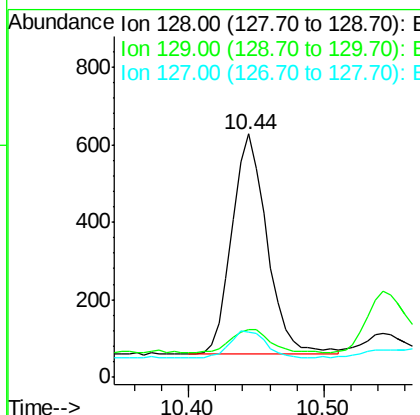
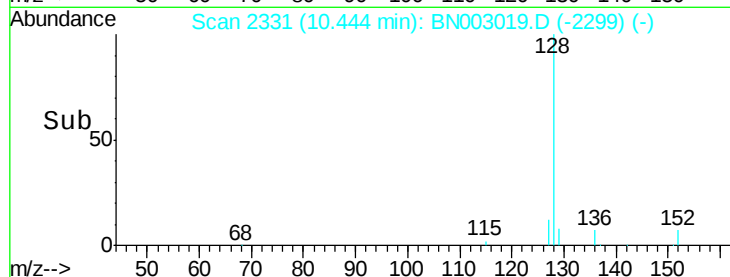
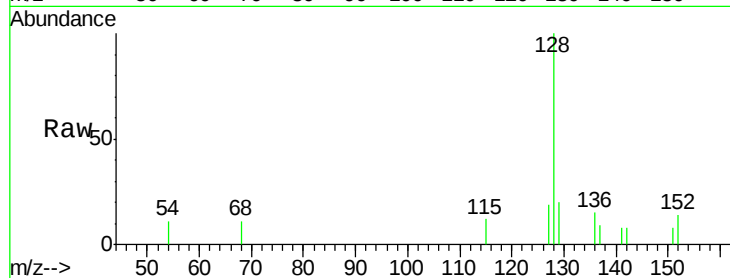
ClientSampleId :

JLC46

Tgt Ion:	128	Resp:	1026
Ion Ratio	Lower	Upper	
128	100		
129	19.6	10.4	15.6#
127	18.6	11.7	17.5#

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#5

2-Methylnaphthalene

Concen: 0.100 ng/u1

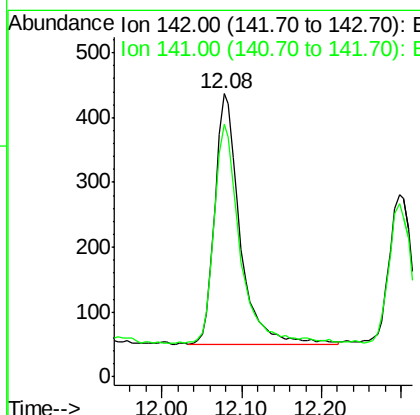
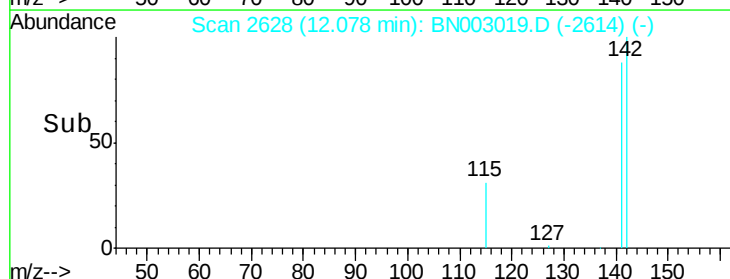
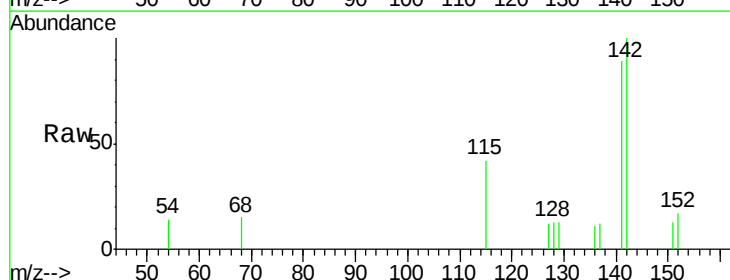
RT: 12.08 min Scan# 2628

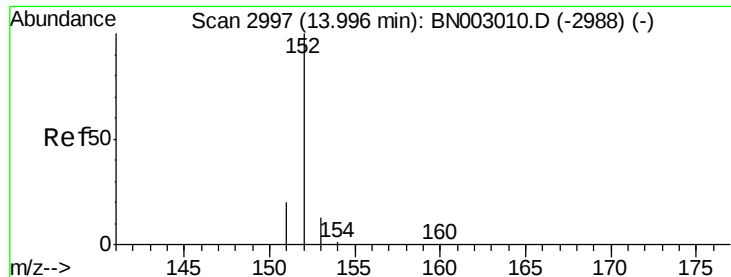
Delta R.T. -0.02 min

Lab File: BN003019.D

Acq: 09 Oct 2018 10:10

Tgt Ion:	142	Resp:	839
Ion Ratio	Lower	Upper	
142	100		
141	89.3	73.4	110.0





#7

Acenaphthylene

Concen: 0.123 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003019.D

Acq: 09 Oct 2018 10:10

Instrument :

BNA_N

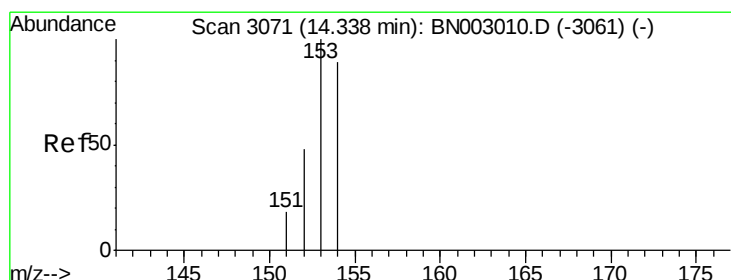
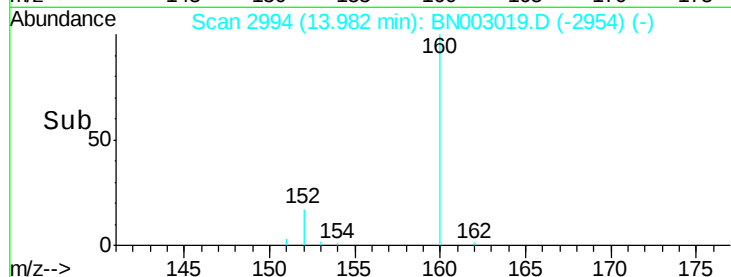
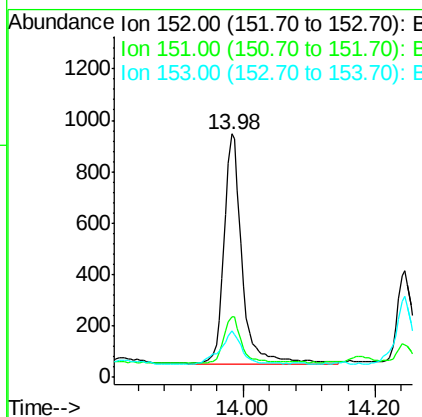
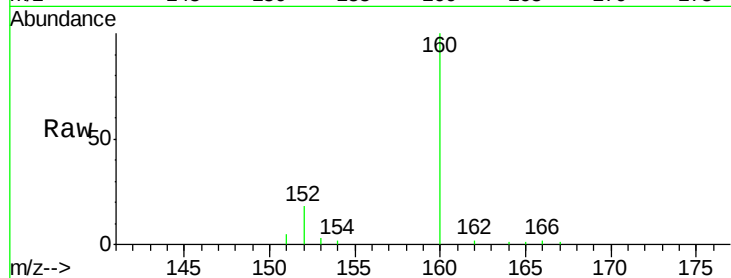
ClientSampleId :

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Tgt Ion:	152	Resp:	1700
Ion Ratio		Lower	Upper
152	100		
151	25.1	16.5	24.7#
153	19.0	11.4	17.2#

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#8

Acenaphthene

Concen: 0.051 ng/ul

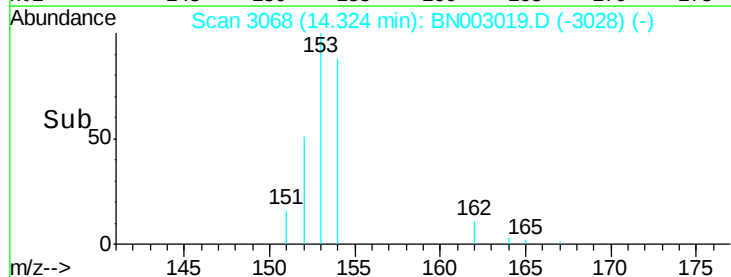
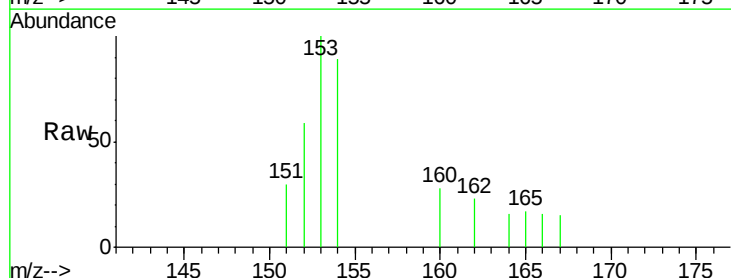
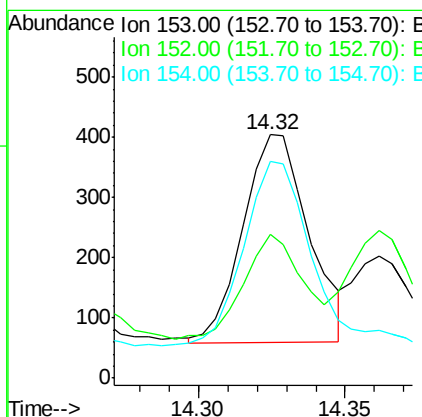
RT: 14.32 min Scan# 3068

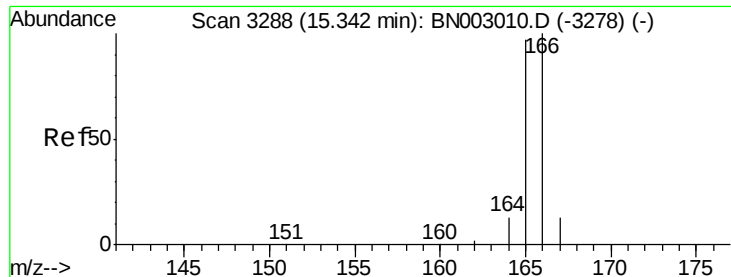
Delta R.T. -0.01 min

Lab File: BN003019.D

Acq: 09 Oct 2018 10:10

Tgt Ion:	153	Resp:	539
Ion Ratio		Lower	Upper
153	100		
152	59.2	38.2	57.4#
154	89.4	70.2	105.2





#9

Fluorene

Concen: 0.049 ng/ul

RT: 15.32 min Scan# 3284

Delta R.T. -0.02 min

Lab File: BN003019.D

Acq: 09 Oct 2018 10:10

Instrument :

BNA_N

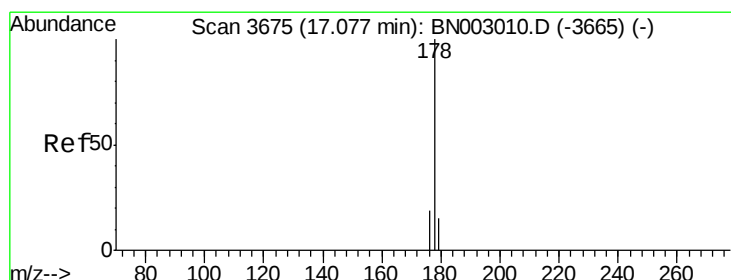
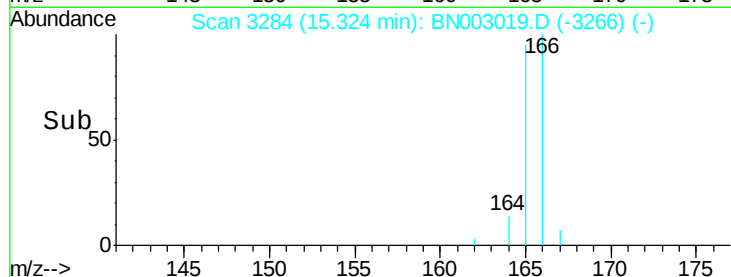
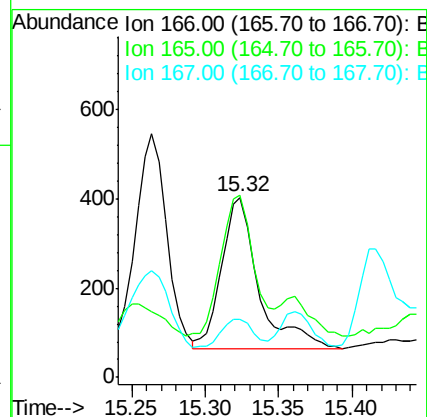
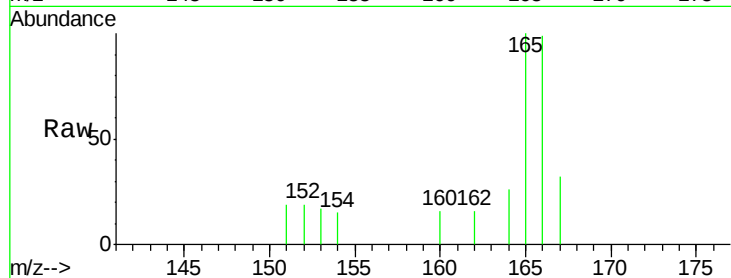
ClientSampleId :

JLC46

Tgt Ion:	166	Resp:	593
Ion Ratio	Lower	Upper	
166	100		
165	101.0	78.5	117.7
167	32.0	11.6	17.4#

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#12

Phenanthrene

Concen: 1.059 ng/ul

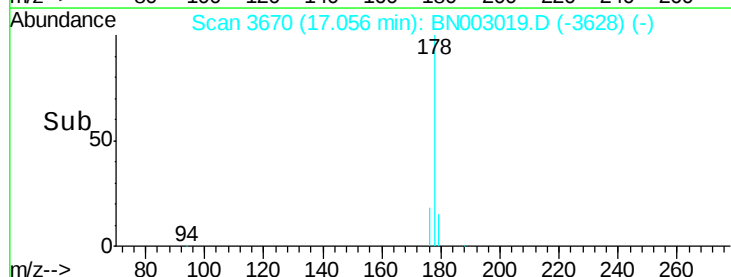
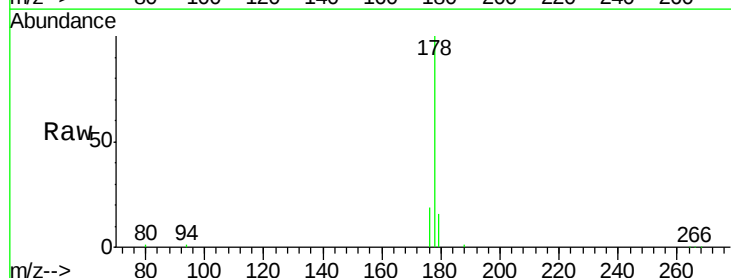
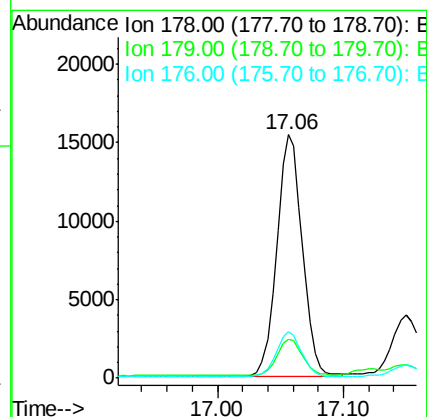
RT: 17.06 min Scan# 3670

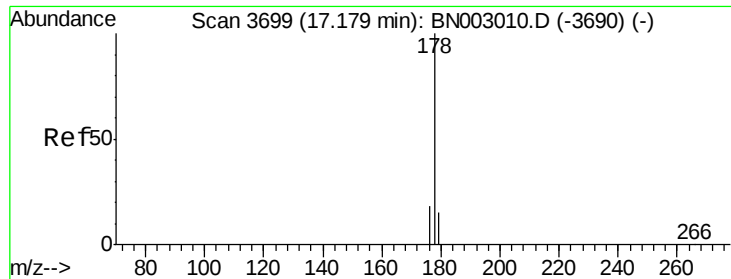
Delta R.T. -0.02 min

Lab File: BN003019.D

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Tgt Ion:	178	Resp:	21620
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.9	19.3
176	19.2	15.4	23.2





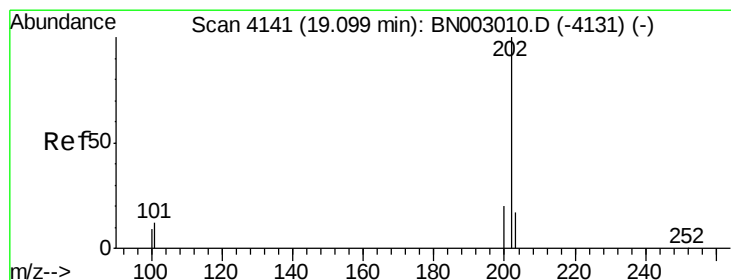
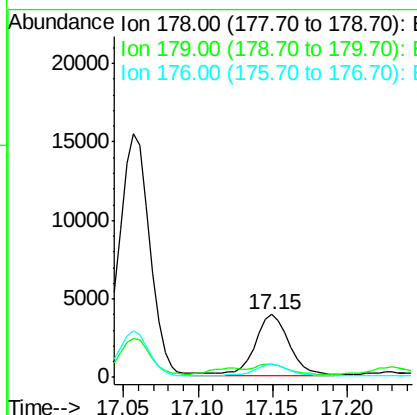
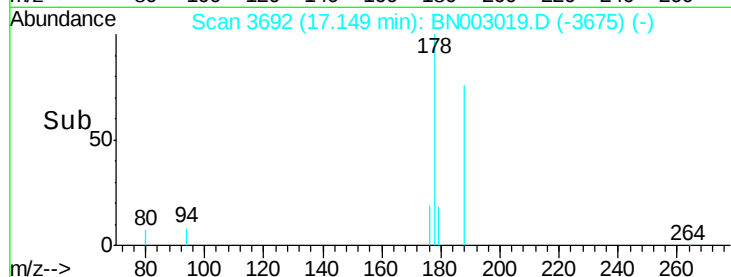
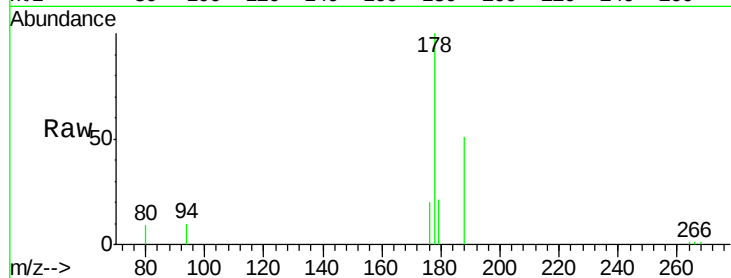
#13
 Anthracene
 Concen: 0.325 ng/ul m
 RT: 17.15 min Scan# 3692
 Delta R.T. -0.03 min
 Lab File: BN003019.D
 Acq: 09 Oct 2018 10:10

Instrument :
 BNA_N
 ClientSampleId :
 JLC46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.9	13.0	19.6#
176	20.4	15.3	22.9

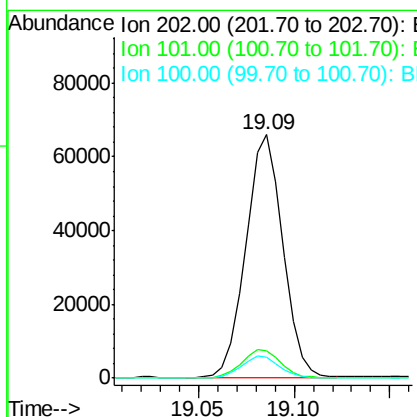
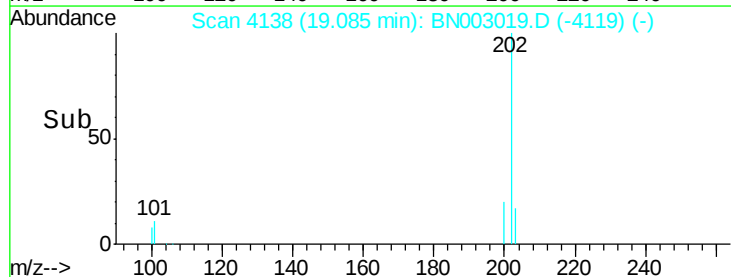
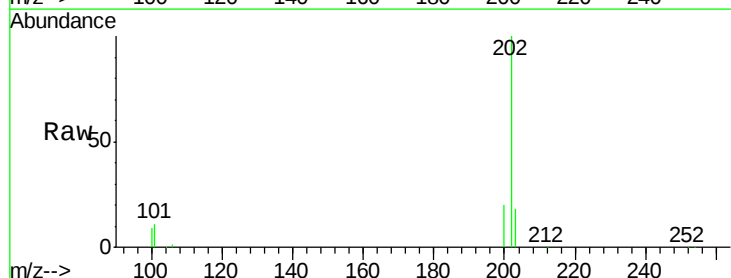
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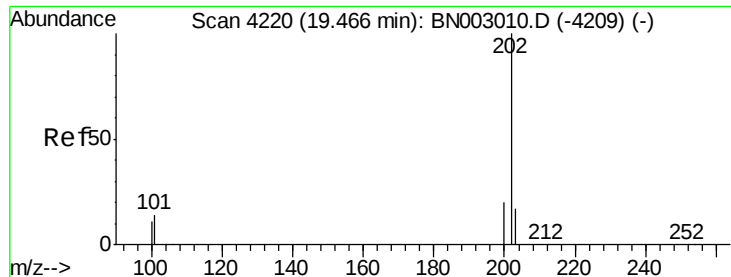
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#15
 Fluoranthene
 Concen: 3.693 ng/ul m
 RT: 19.09 min Scan# 4138
 Delta R.T. -0.01 min
 Lab File: BN003019.D
 Acq: 09 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.3
100	8.5	0.0	29.1





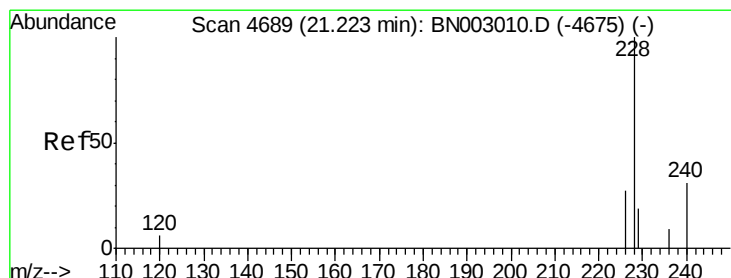
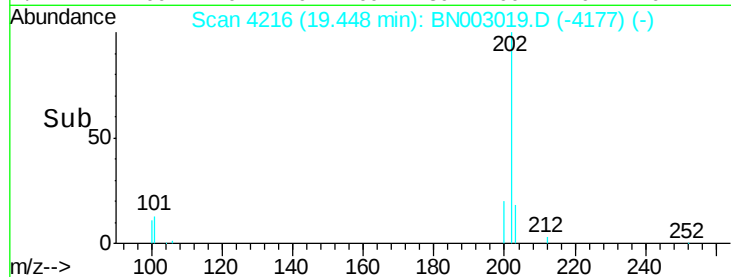
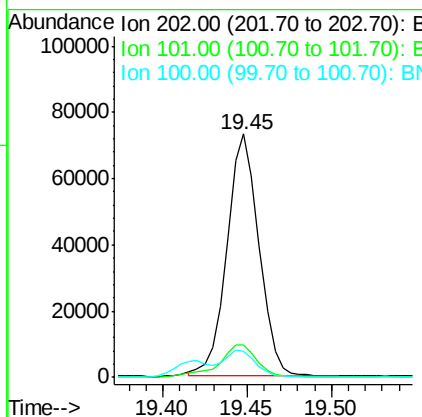
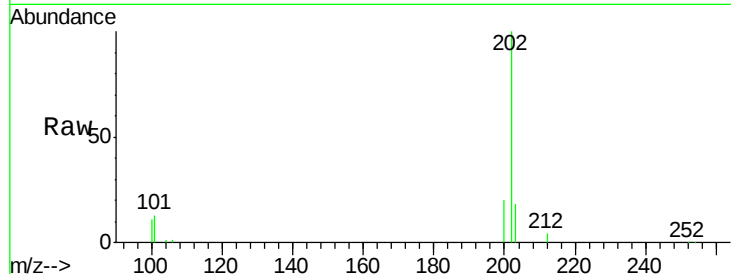
#17
 Pyrene
 Concen: 3.246 ng/ul
 RT: 19.45 min Scan# 4216
 Delta R.T. -0.02 min
 Lab File: BN003019.D
 Acq: 09 Oct 2018 10:10

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

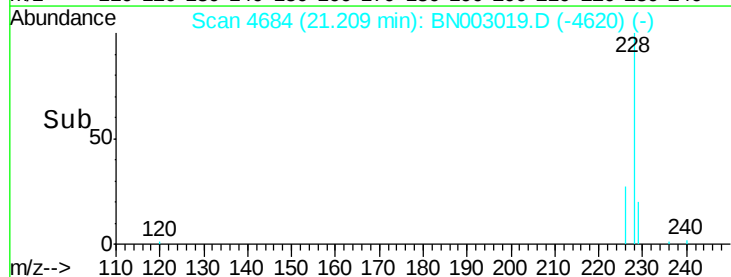
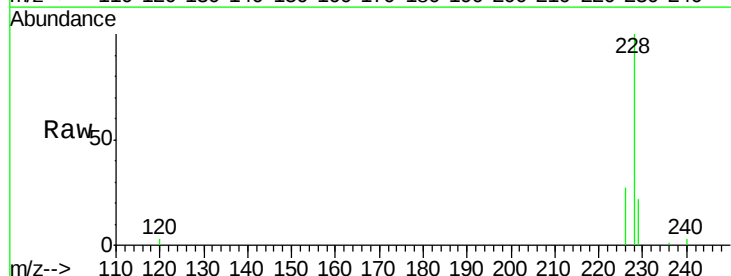
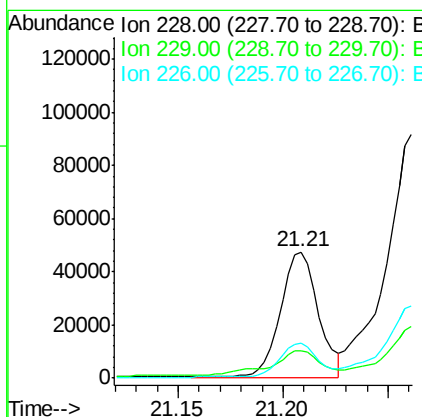
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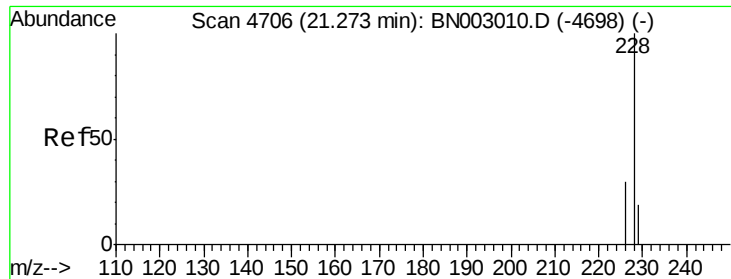
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#18
 Benzo(a)anthracene
 Concen: 2.445 ng/ul m
 RT: 21.21 min Scan# 4684
 Delta R.T. -0.01 min
 Lab File: BN003019.D
 Acq: 09 Oct 2018 10:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.8	16.2	24.2
226	27.5	22.3	33.5





#19

Chrysene

Concen: 5.198 ng/ul m

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003019.D

Acq: 09 Oct 2018 10:10

Instrument :

BNA_N

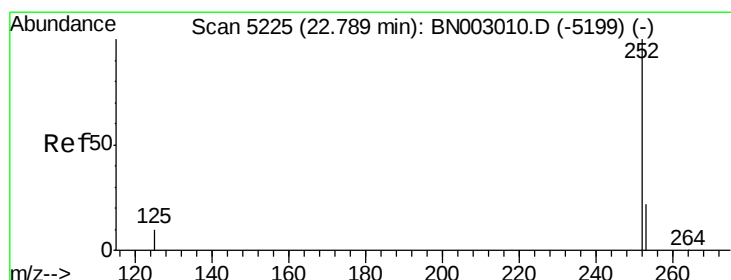
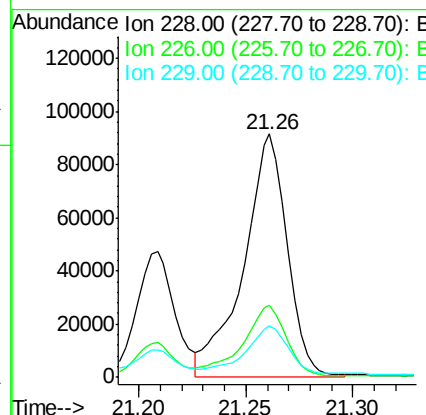
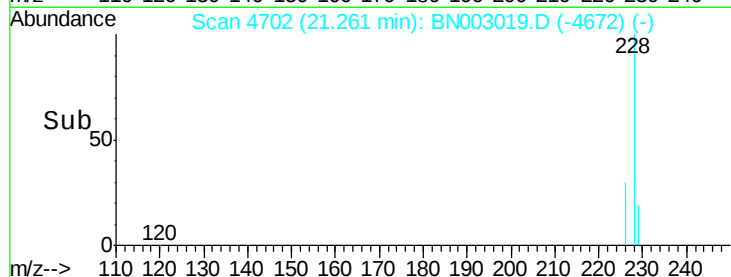
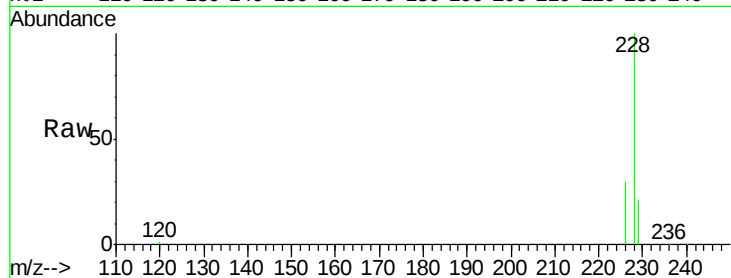
ClientSampled :

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Tgt Ion:	228	Resp:	130519
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.2	36.4
229	21.0	16.7	25.1

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#21

Benzo(b)fluoranthene

Concen: 5.771 ng/ul m

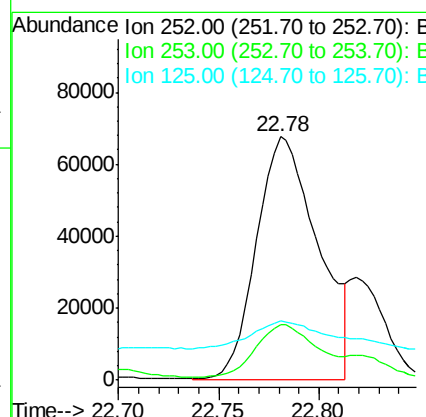
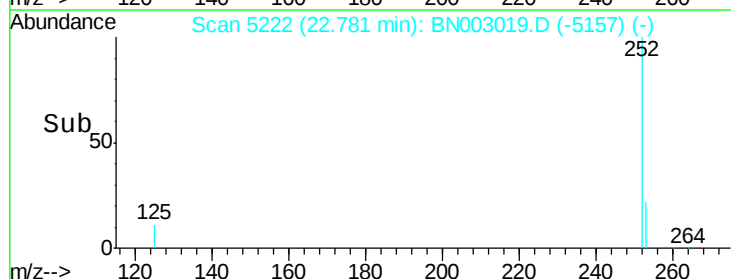
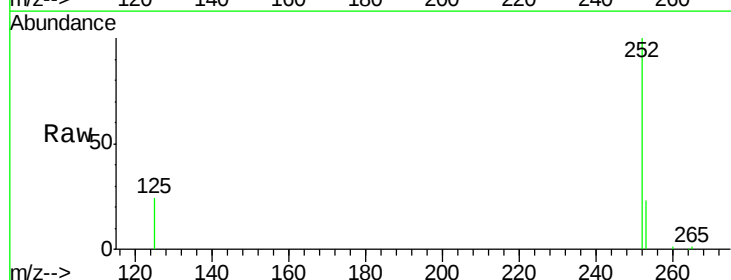
RT: 22.78 min Scan# 5222

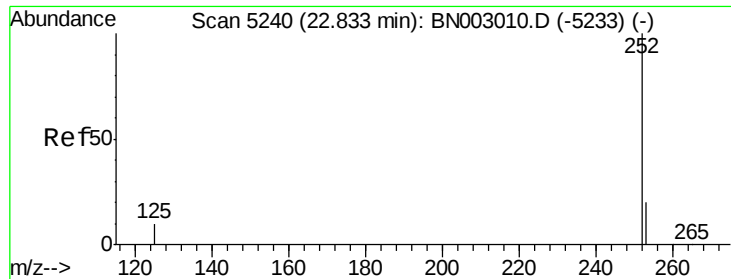
Delta R.T. -0.01 min

Lab File: BN003019.D

Acq: 09 Oct 2018 10:10

Tgt Ion:	252	Resp:	144997
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	53.2
125	24.1	0.0	34.2





#22

Benzo(k)fluoranthene

Concen: 1.389 ng/ul m

RT: 22.82 min Scan# 5235

Delta R.T. -0.01 min

Lab File: BN003019.D

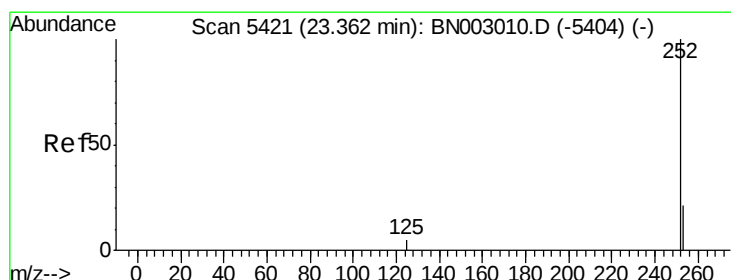
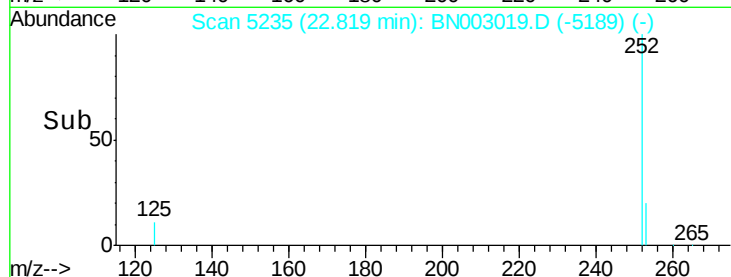
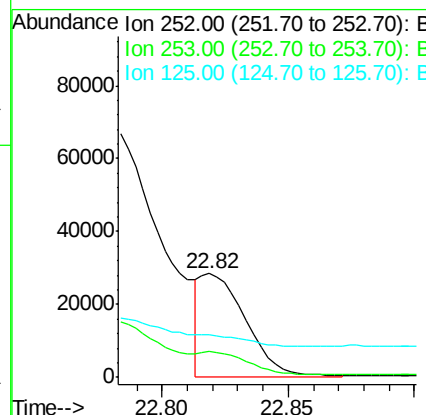
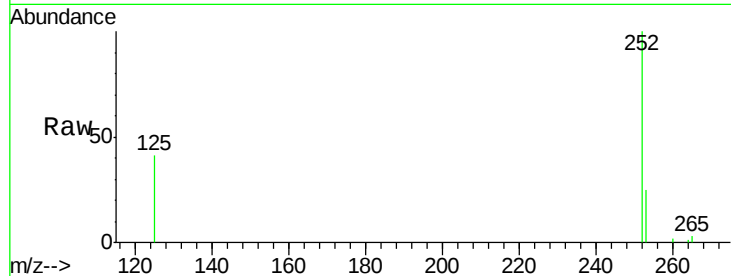
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	21.3	31.9
125	40.8	14.1	21.1#

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#23

Benzo(a)pyrene

Concen: 2.224 ng/ul m

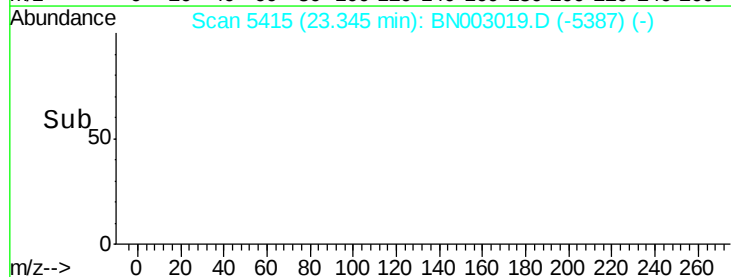
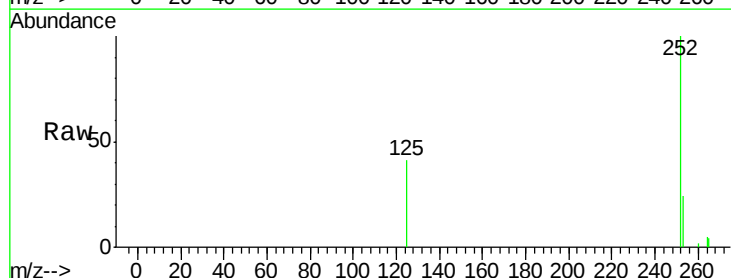
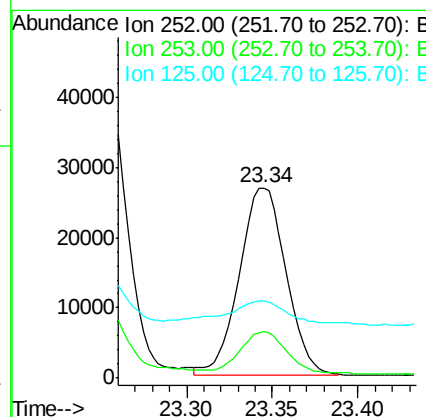
RT: 23.34 min Scan# 5415

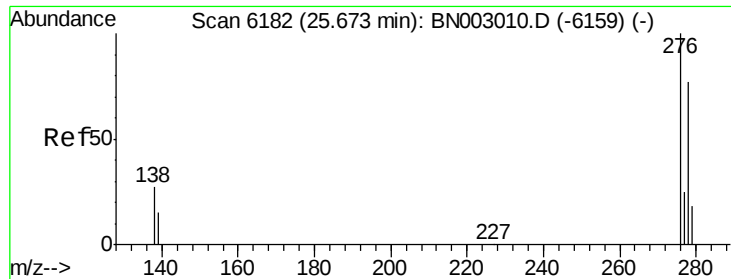
Delta R.T. -0.02 min

Lab File: BN003019.D

Acq: 09 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	23.1	34.7
125	40.6	16.9	25.3#





#24

Indeno(1,2,3-cd)pyrene

Concen: 2.102 ng/ul m

RT: 25.65 min Scan# 6175

Delta R.T. -0.02 min

Lab File: BN003019.D

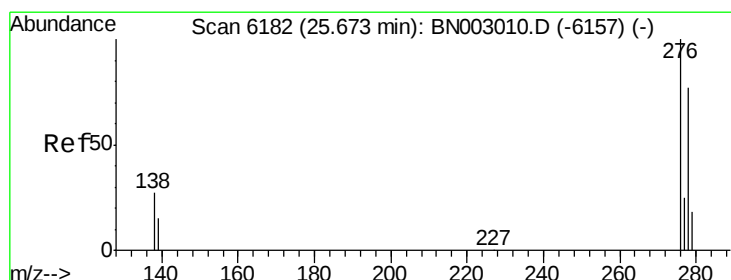
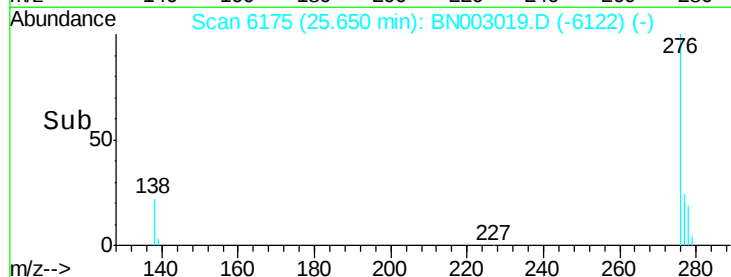
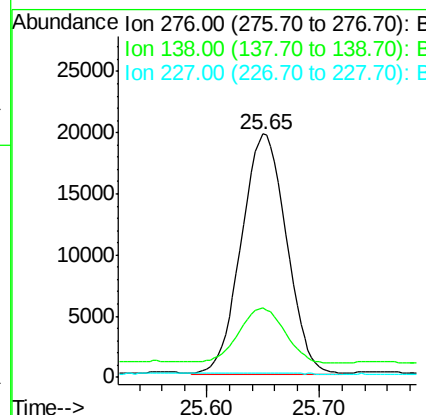
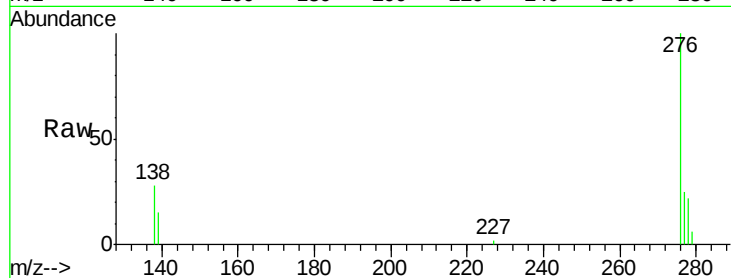
Acq: 09 Oct 2018 10:10

Instrument :
BNA_N
ClientSampleId :
JLC46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.2	21.5	32.3#
227	0.1	0.3	0.5#

Manual Integrations
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Sohil
10/9/2018 5:38:33 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.674 ng/ul m

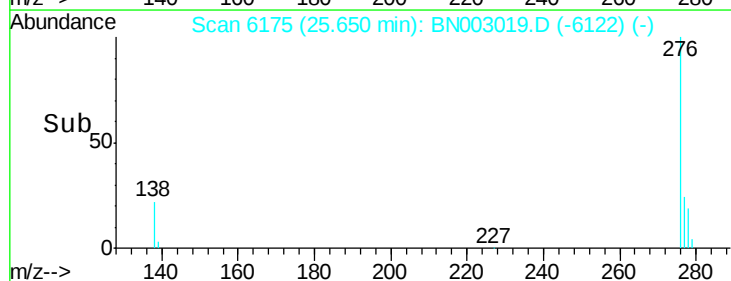
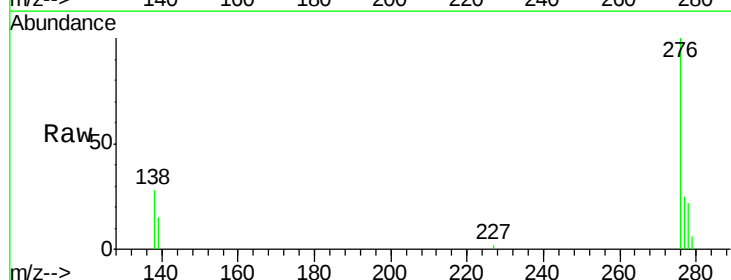
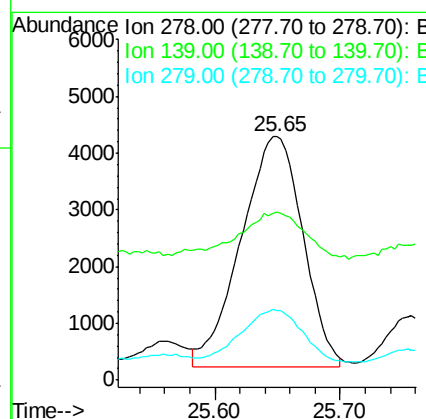
RT: 25.65 min Scan# 6175

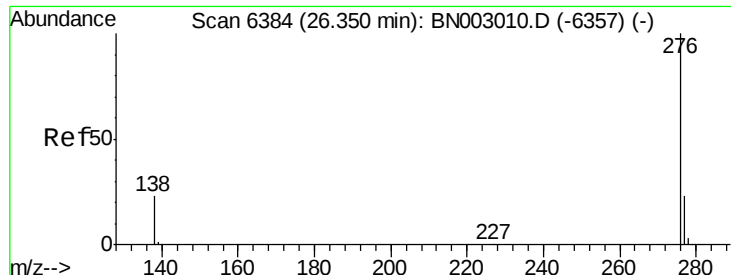
Delta R.T. -0.02 min

Lab File: BN003019.D

Acq: 09 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	68.9	20.2	30.4#
279	28.7	23.8	35.8





#26

Benzo(g,h,i)perylene

Concen: 2.563 ng/ul

RT: 26.33 min Scan# 6377

Delta R.T. -0.02 min

Lab File: BN003019.D

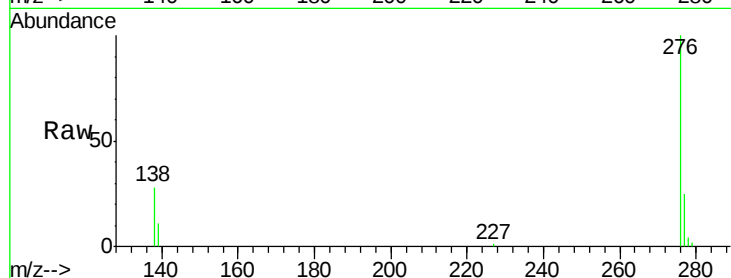
Acq: 09 Oct 2018 10:10

Instrument :

BNA_N

ClientSampleId :

JLC46



Tgt Ion: 276 Resp: 55935

Ion Ratio Lower Upper

276 100

138 28.3 23.0 34.4

277 24.8 22.0 33.0

Manual Integrations

APPROVED

Sohil

10/9/2018 5:38:33 PM

