

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
 Data File : BN003056.D
 Acq On : 10 Oct 2018 08:25
 Operator : MJ/SJ
 Sample : J5115-04DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC13DL

Manual Integrations
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Quant Time: Oct 10 11:48:21 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	1967	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	7640	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3764	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7047	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	5322	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	5640	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	563	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	891	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.45	128	642	0.033	ng/ul#	74
5) 2-Methylnaphthalene	12.09	142	478	0.035	ng/ul	92
7) Acenaphthylene	13.99	152	402	0.023	ng/ul#	61
12) Phenanthrene	17.06	178	4993	0.254	ng/ul	98
13) Anthracene	17.15	178	943	0.051	ng/ul#	74
15) Fluoranthene	19.09	202	14589	0.633	ng/ul	100
17) Pyrene	19.45	202	15671	0.758	ng/ul	99
18) Benzo(a)anthracene	21.21	228	10335	0.603	ng/ul	96
19) Chrysene	21.26	228	56230	3.233	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	43876m	2.160	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	11864m	0.563	ng/ul	
23) Benzo(a)pyrene	23.34	252	7307	0.401	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.64	276	14564	0.696	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.64	278	4010	0.239	ng/ul#	76
26) Benzo(g,h,i)perylene	26.32	276	17596	0.998	ng/ul	97

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

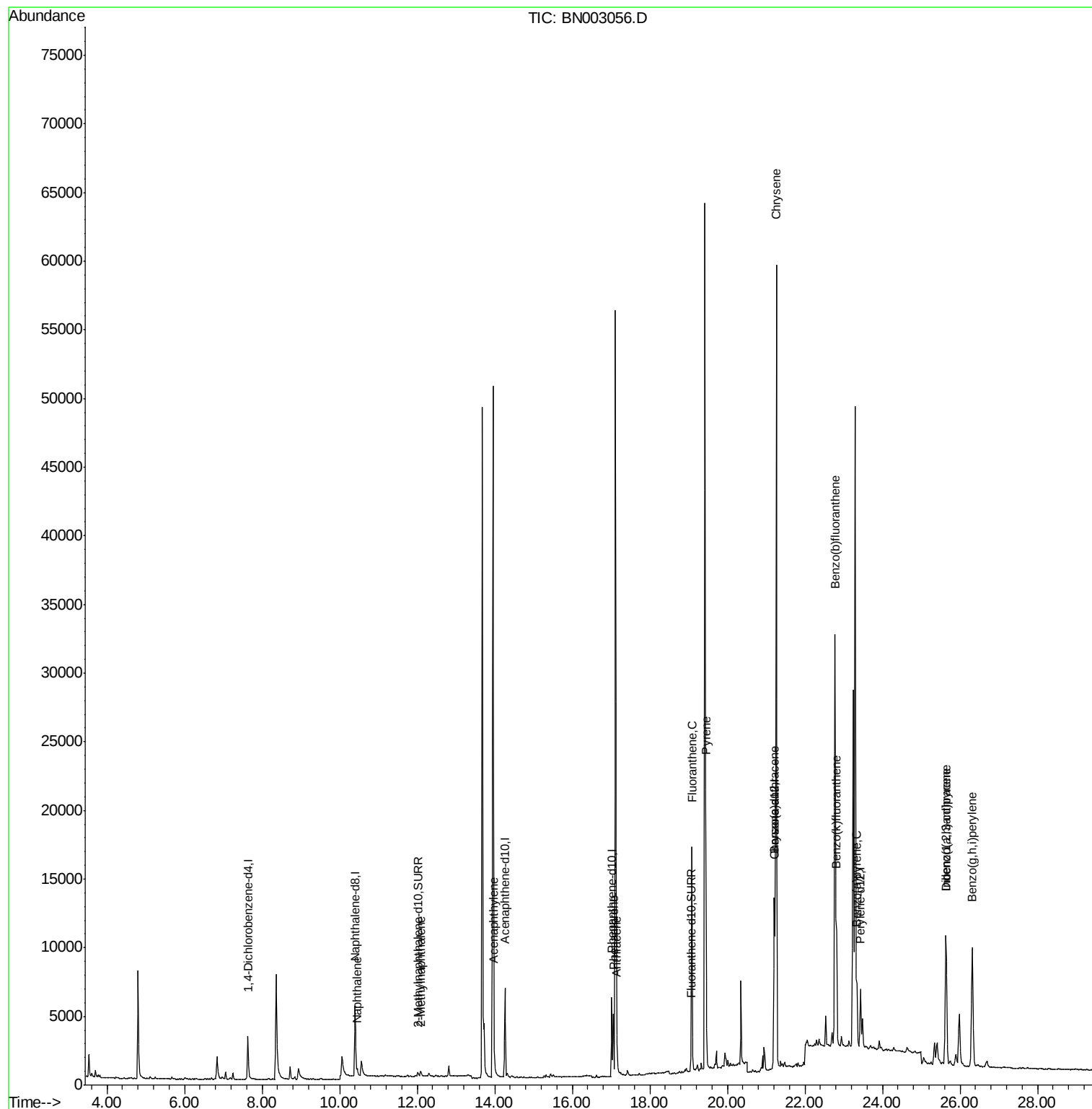
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
Data File : BN003056.D
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Operator : MJ/SJ
Sample : J5115-04DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

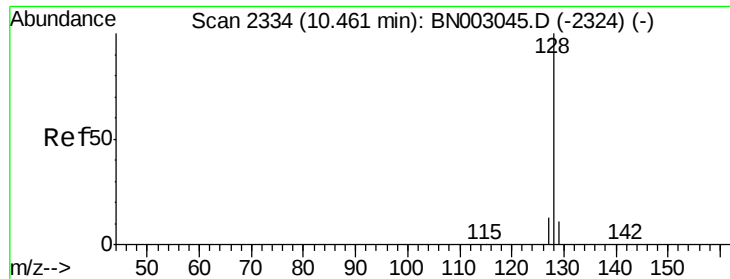
Instrument :
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JLC13DL

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Quant Time: Oct 10 11:48:21 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





#3

Naphthalene

Concen: 0.033 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN003056.D

Acq: 10 Oct 2018 08:25

Instrument :

BNA_N

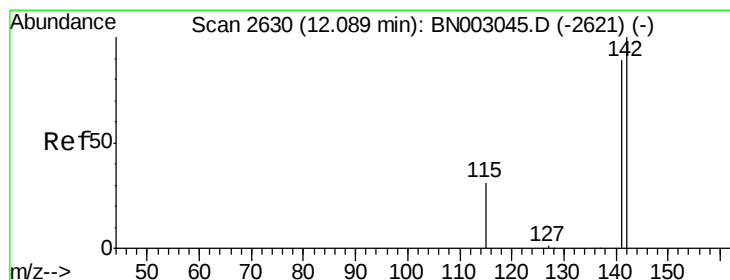
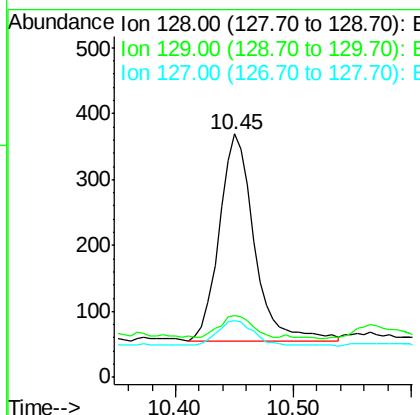
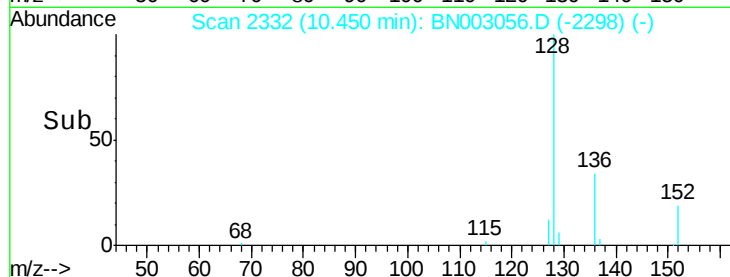
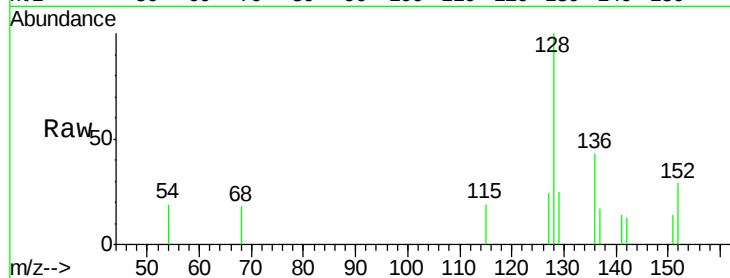
ClientSampleId :

JLC13DL

Tgt Ion:	128	Resp:	642
Ion Ratio		Lower	Upper
128	100		
129	25.5	10.4	15.6#
127	23.6	11.7	17.5#

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#5

2-Methylnaphthalene

Concen: 0.035 ng/ul

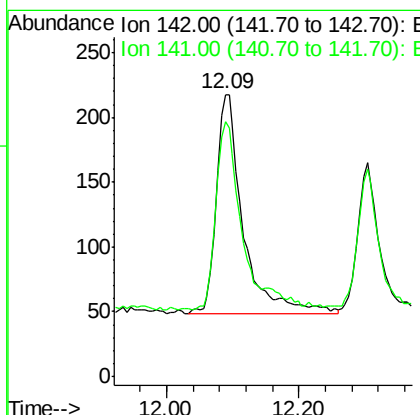
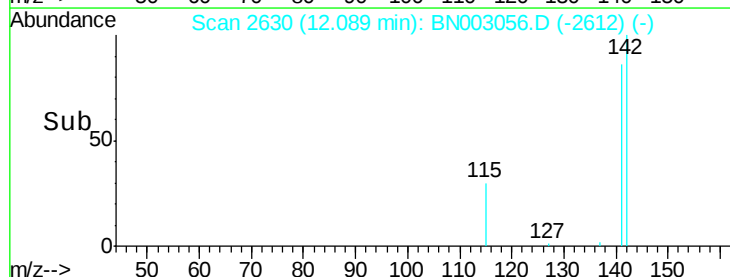
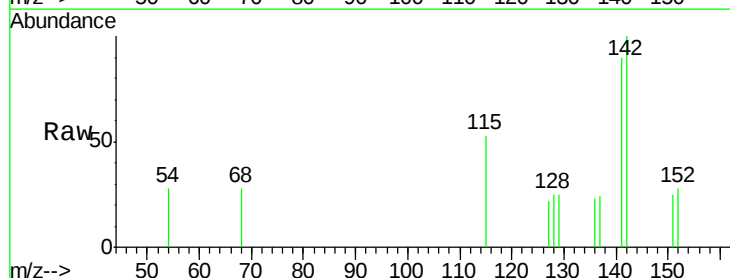
RT: 12.09 min Scan# 2630

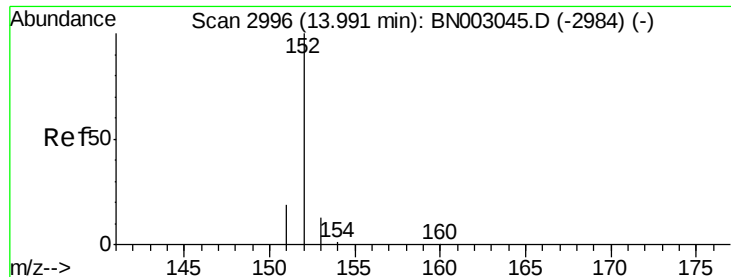
Delta R.T. -0.00 min

Lab File: BN003056.D

Acq: 10 Oct 2018 08:25

Tgt Ion:	142	Resp:	478
Ion Ratio		Lower	Upper
142	100		
141	84.3	73.4	110.0





#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 13.99 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BN003056.D

Acq: 10 Oct 2018 08:25

Instrument :

BNA_N

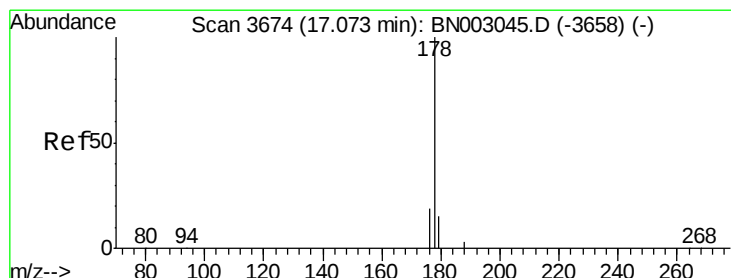
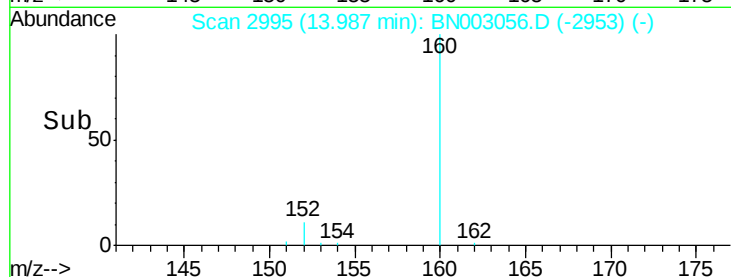
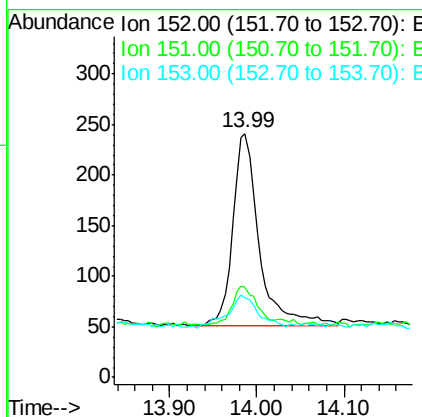
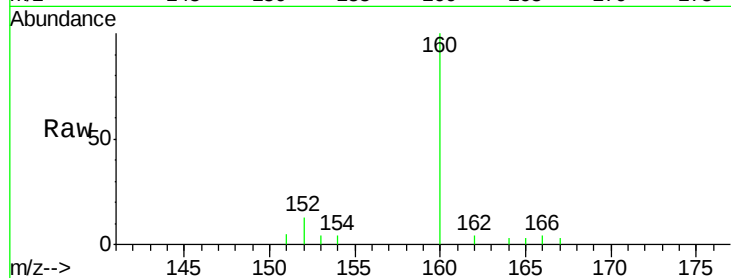
ClientSampleId :

JLC13DL

Tgt	Ion	Ratio	Lower	Upper
152	100			
151	36.9	16.5	24.7#	
153	32.8	11.4	17.2#	

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#12

Phenanthrene

Concen: 0.254 ng/ul

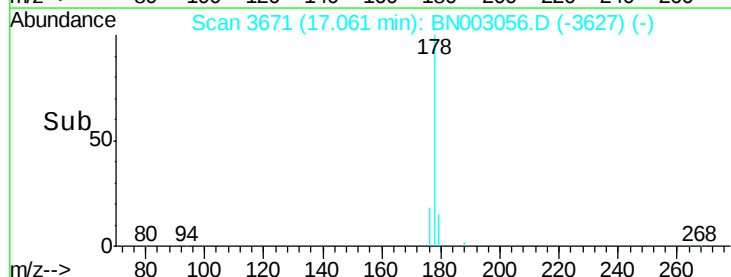
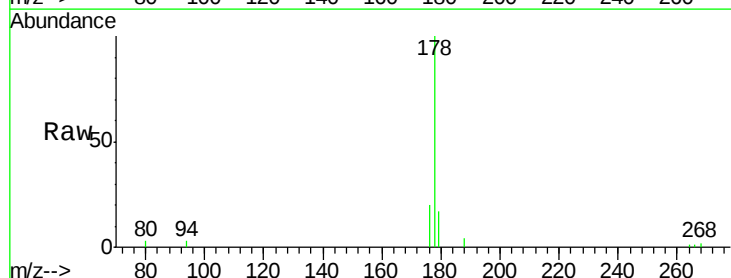
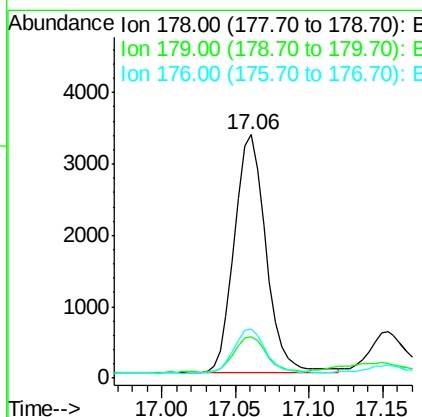
RT: 17.06 min Scan# 3671

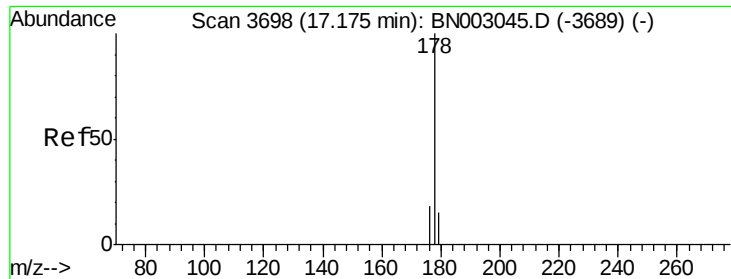
Delta R.T. -0.01 min

Lab File: BN003056.D

Acq: 10 Oct 2018 08:25

Tgt	Ion	Ratio	Lower	Upper
178	100			
179	17.1	12.9	19.3	
176	20.1	15.4	23.2	





#13

Anthracene

Concen: 0.051 ng/ul

RT: 17.15 min Scan# 3693

Delta R.T. -0.02 min

Lab File: BN003056.D

Acq: 10 Oct 2018 08:25

Instrument :

BNA_N

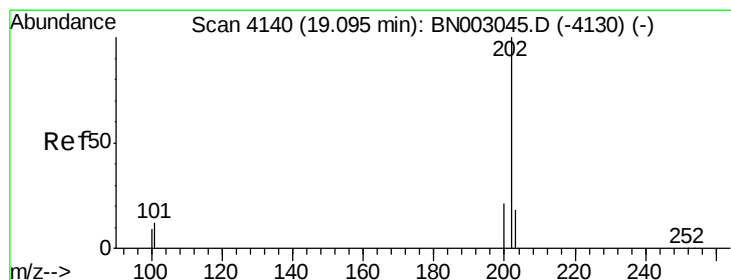
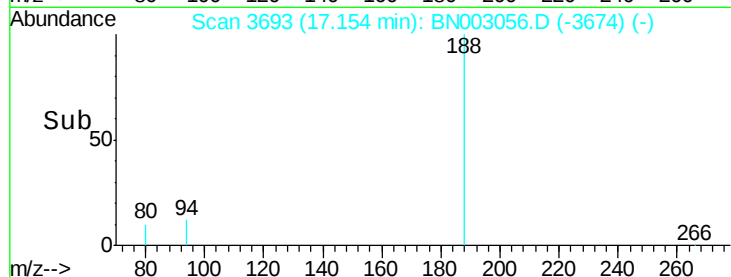
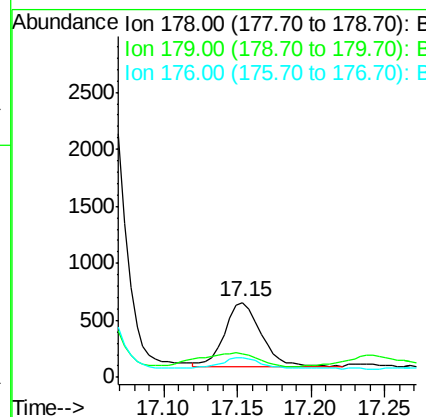
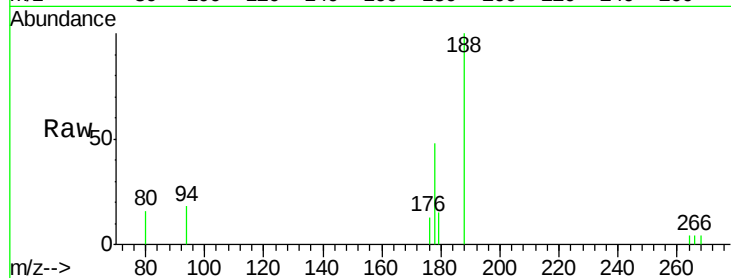
ClientSampled :

JLC13DL

Tgt Ion:	178	Resp:	943
Ion Ratio	Lower	Upper	
178	100		
179	31.4	13.0	19.6#
176	26.9	15.3	22.9#

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#15

Fluoranthene

Concen: 0.633 ng/ul

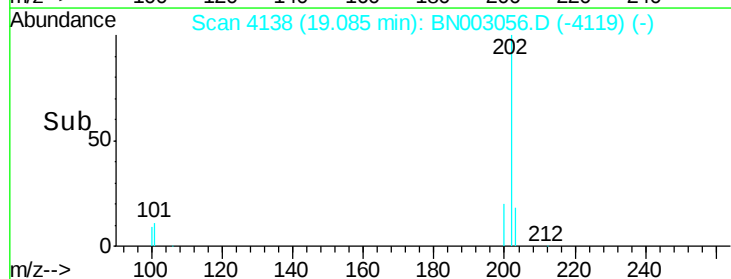
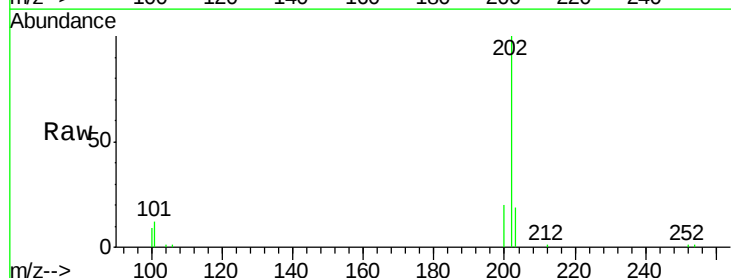
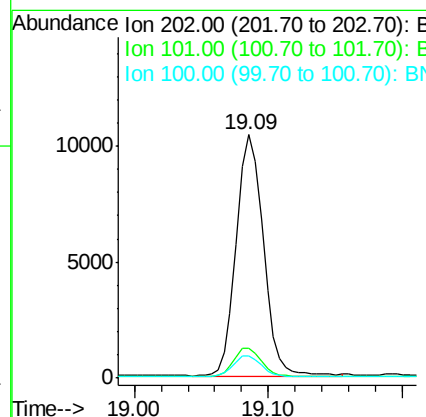
RT: 19.09 min Scan# 4138

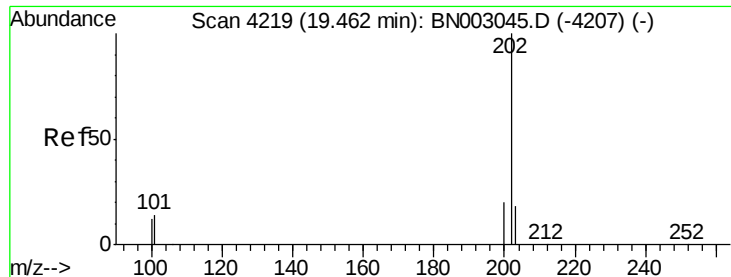
Delta R.T. -0.01 min

Lab File: BN003056.D

Acq: 10 Oct 2018 08:25

Tgt Ion:	202	Resp:	14589
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	32.3
100	9.2	0.0	29.1





#17

Pyrene

Concen: 0.758 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003056.D

Acq: 10 Oct 2018 08:25

Instrument :

BNA_N

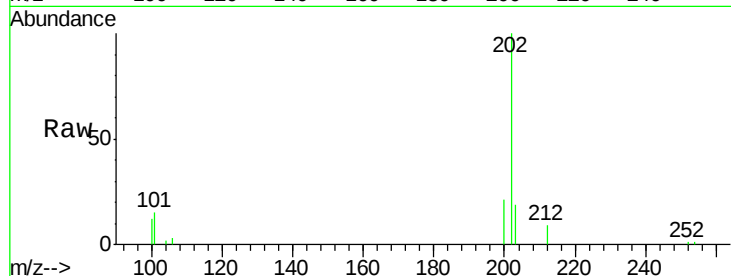
ClientSampled :

JLC13DL

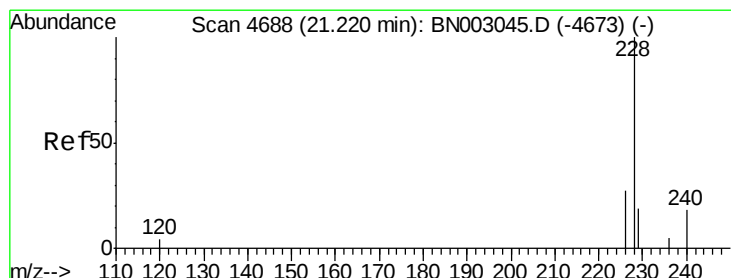
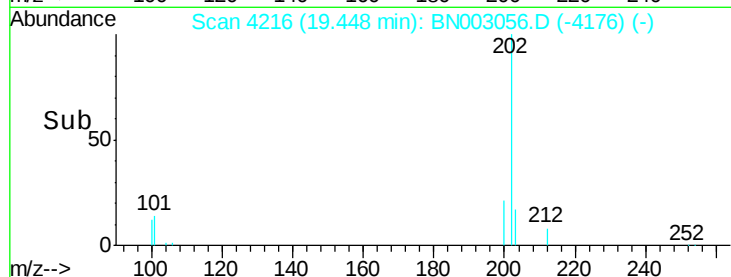
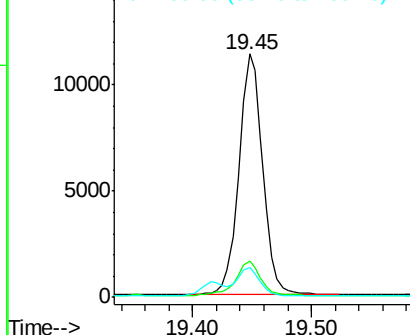
Tgt Ion:	202	Resp:	15671
Ion Ratio	Lower	Upper	
202	100		
101	14.7	11.9	17.9
100	12.2	9.9	14.9

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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



#18

Benzo(a)anthracene

Concen: 0.603 ng/ul

RT: 21.21 min Scan# 4684

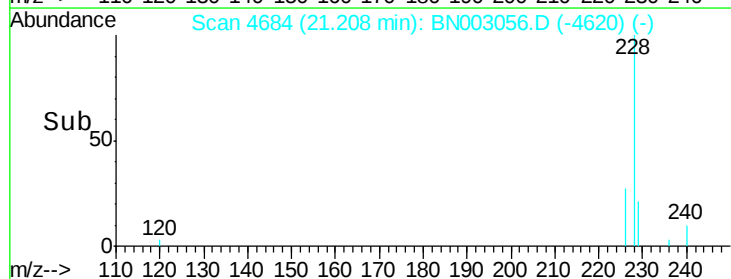
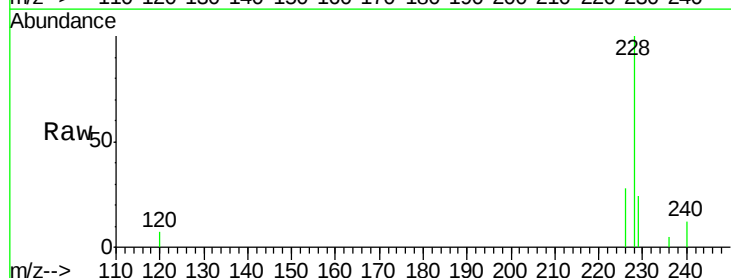
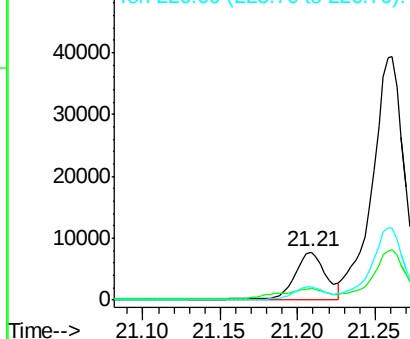
Delta R.T. -0.01 min

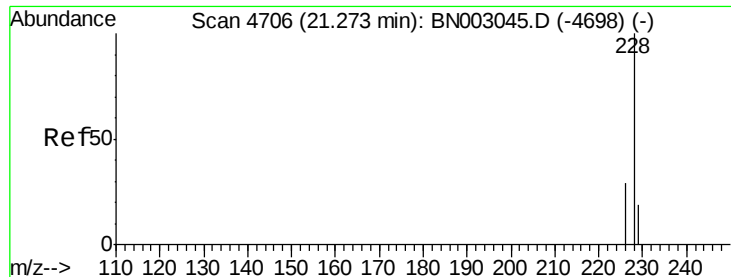
Lab File: BN003056.D

Acq: 10 Oct 2018 08:25

Tgt Ion:	228	Resp:	10335
Ion Ratio	Lower	Upper	
228	100		
229	24.0	16.2	24.2
226	28.2	22.3	33.5

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 3.233 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003056.D

Acq: 10 Oct 2018 08:25

Instrument :

BNA_N

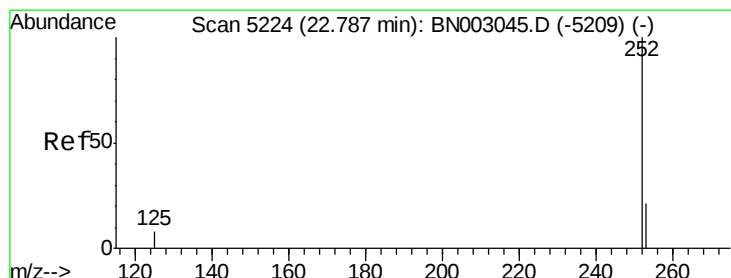
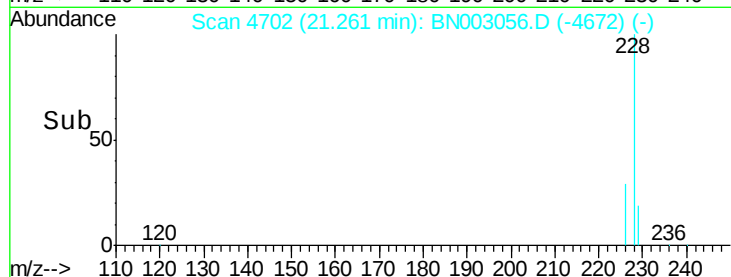
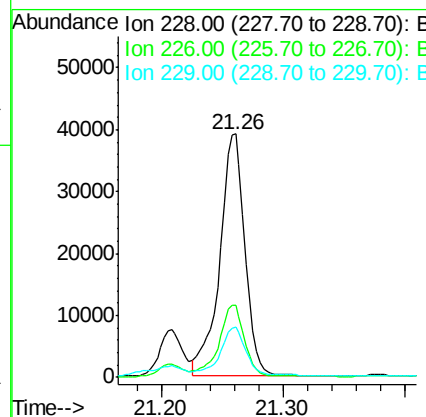
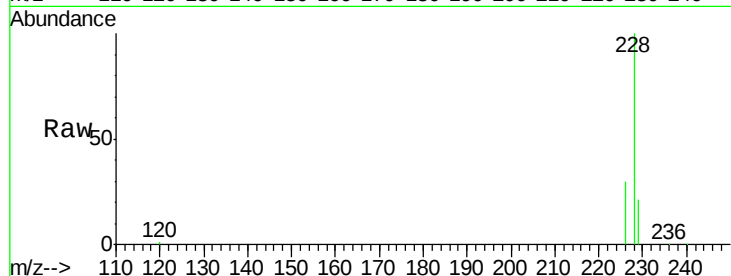
ClientSampleId :

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Tgt Ion:	228	Resp:	56230
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.2	36.4
229	20.6	16.7	25.1

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#21

Benzo(b)fluoranthene

Concen: 2.160 ng/ul m

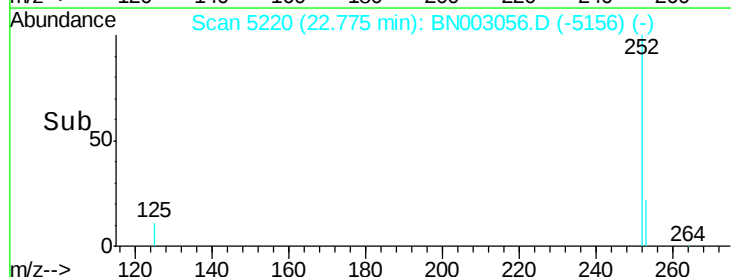
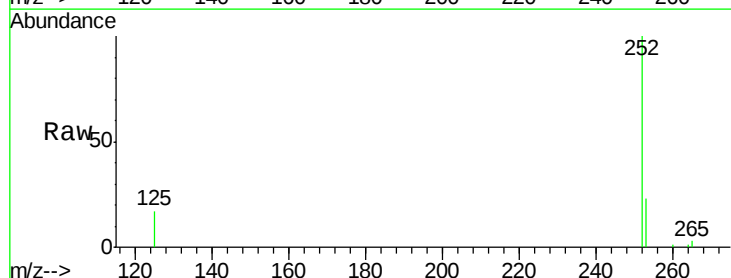
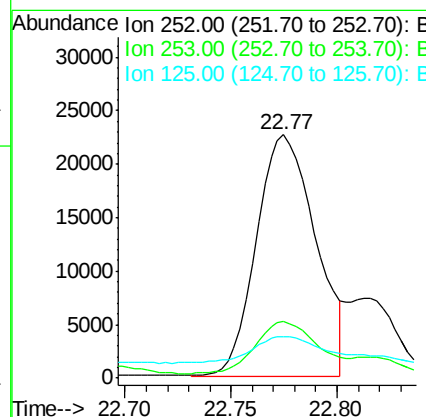
RT: 22.77 min Scan# 5220

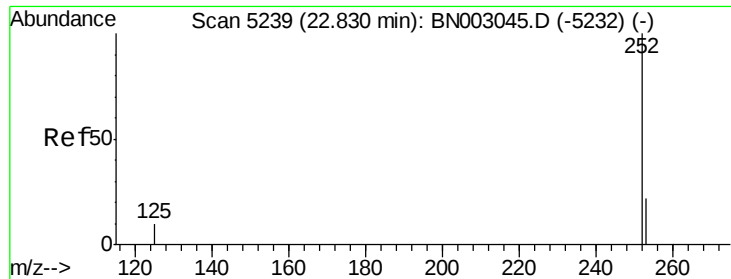
Delta R.T. -0.01 min

Lab File: BN003056.D

Acq: 10 Oct 2018 08:25

Tgt Ion:	252	Resp:	43876
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	53.2
125	17.0	0.0	34.2





#22

Benzo(k)fluoranthene

Concen: 0.563 ng/u1 m

RT: 22.81 min Scan# 5233

Delta R.T. -0.02 min

Lab File: BN003056.D

Acq: 10 Oct 2018 08:25

Instrument :

BNA_N

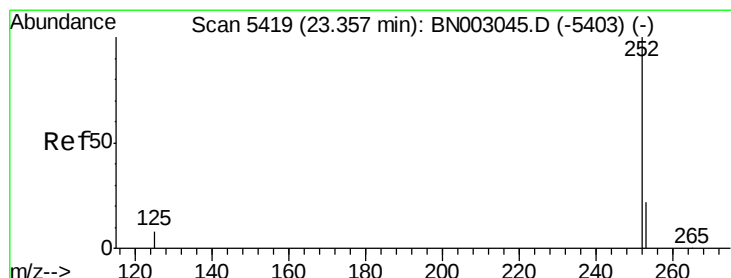
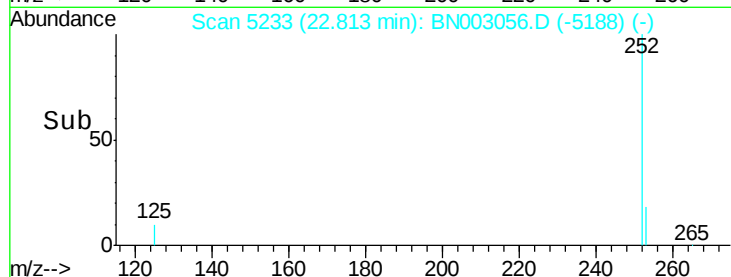
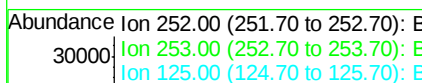
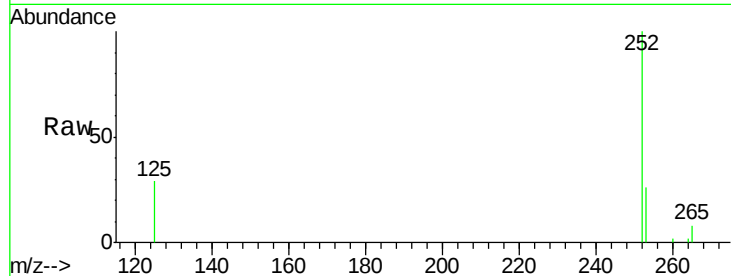
ClientSampleId :

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Tgt Ion:	252	Resp:	11864
Ion Ratio	Lower	Upper	
252	100		
253	26.5	21.3	31.9
125	28.7	14.1	21.1#

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#23

Benzo(a)pyrene

Concen: 0.401 ng/u1

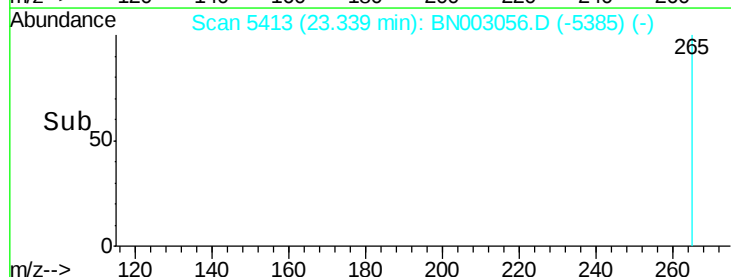
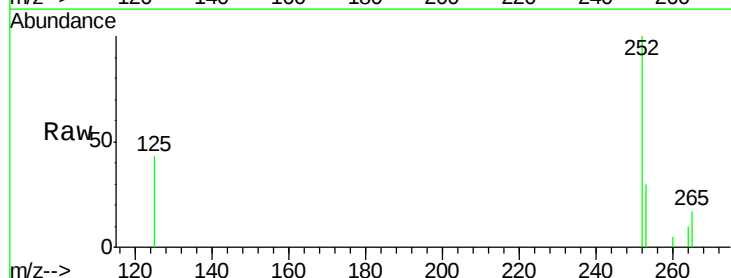
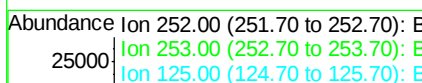
RT: 23.34 min Scan# 5413

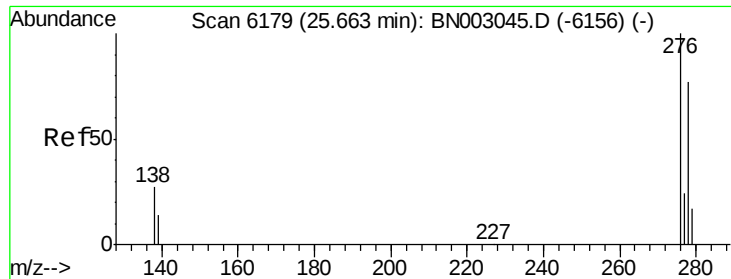
Delta R.T. -0.02 min

Lab File: BN003056.D

Acq: 10 Oct 2018 08:25

Tgt Ion:	252	Resp:	7307
Ion Ratio	Lower	Upper	
252	100		
253	30.3	23.1	34.7
125	43.3	16.9	25.3#





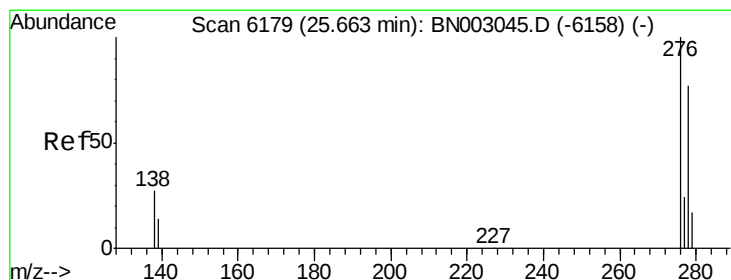
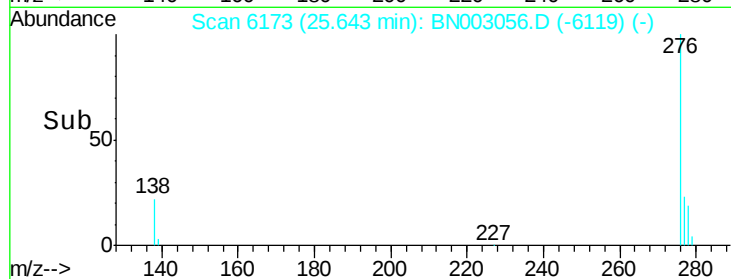
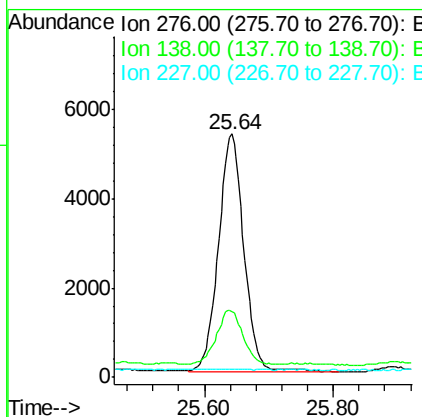
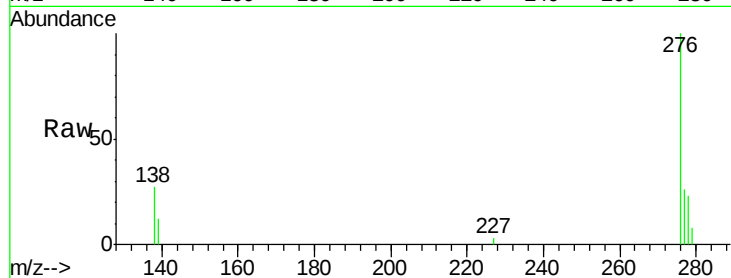
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.696 ng/ul
 RT: 25.64 min Scan# 6173
 Delta R.T. -0.02 min
 Lab File: BN003056.D
 Acq: 10 Oct 2018 08:25

Instrument :
 BNA_N
 ClientSampleId :
 JLC13DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	21.5	32.3
227	0.3	0.3	0.5

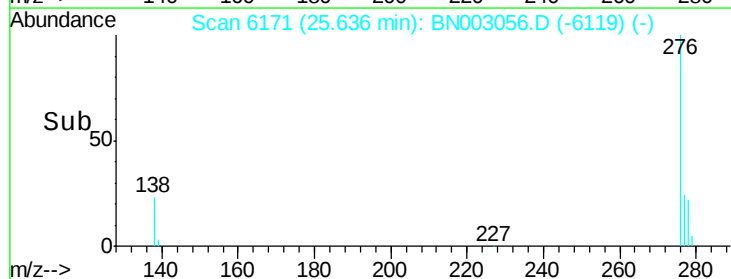
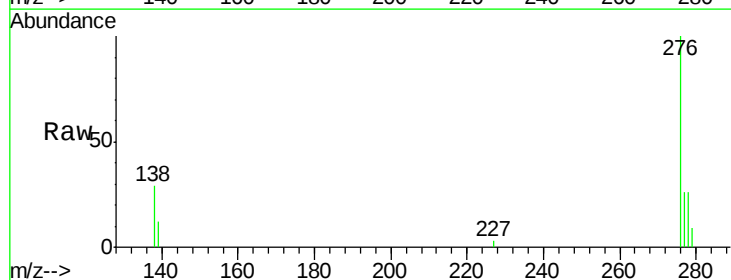
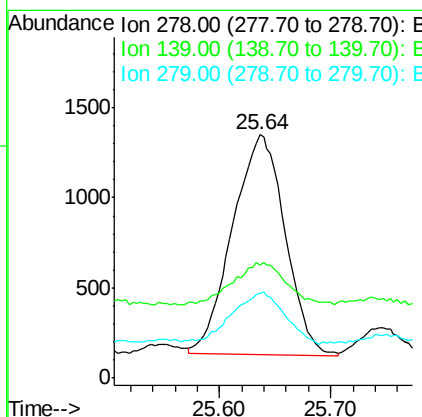
Manual Integrations
 APPROVED

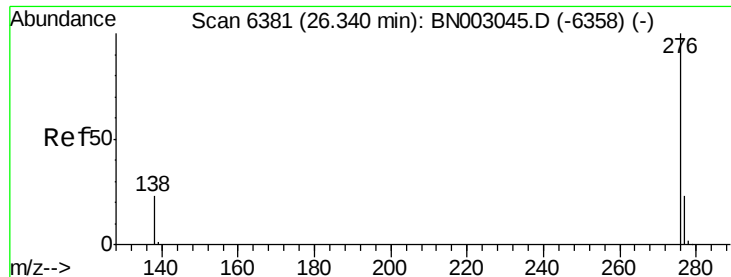
Sohil
 10/10/2018 4:58:29 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.239 ng/ul
 RT: 25.64 min Scan# 6171
 Delta R.T. -0.03 min
 Lab File: BN003056.D
 Acq: 10 Oct 2018 08:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	46.2	20.2	30.4
279	34.6	23.8	35.8





#26

Benzo(g,h,i)perylene

Concen: 0.998 ng/ul

RT: 26.32 min Scan# 6374

Delta R.T. -0.02 min

Lab File: BN003056.D

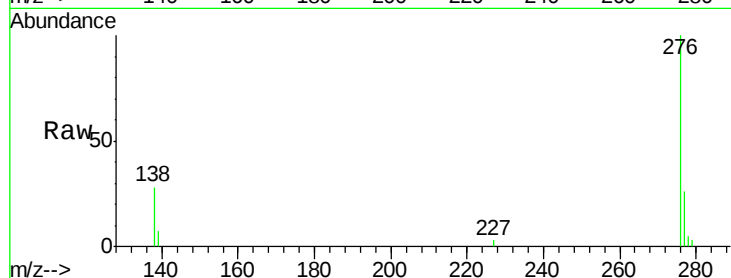
Acq: 10 Oct 2018 08:25

Instrument :

BNA_N

ClientSampleId :

JLC13DL



Tgt Ion: 276 Resp: 17596

Ion Ratio Lower Upper

276 100

138 27.7 23.0 34.4

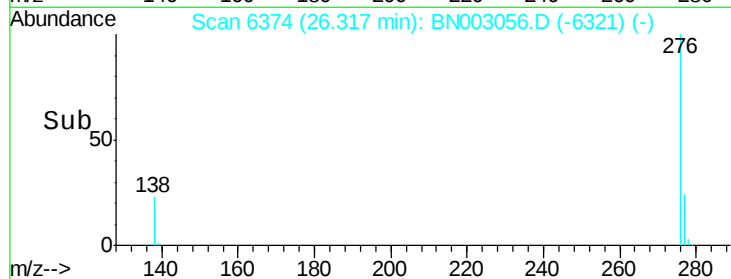
277 25.8 22.0 33.0

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

