

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
 Data File : BN003050.D
 Acq On : 10 Oct 2018 04:55
 Operator : MJ/SJ
 Sample : J5115-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC67

Manual Integrations
 APPROVED

Sohil
 10/10/2018 4:58:20 PM

Quant Time: Oct 10 09:07:16 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	1924	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7829	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	4327	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8864m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	5141m	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	5139m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	2983	0.25	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	5644m	0.22	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	2775	0.138	ng/ul	97
5) 2-Methylnaphthalene	12.08	142	711	0.051	ng/ul	100
7) Acenaphthylene	13.98	152	2674	0.135	ng/ul#	90
8) Acenaphthene	14.32	153	1928	0.128	ng/ul	97
9) Fluorene	15.32	166	3170	0.184	ng/ul#	93
12) Phenanthrene	17.06	178	48756	1.973	ng/ul	99
13) Anthracene	17.15	178	15214m	0.652	ng/ul	
15) Fluoranthene	19.08	202	201304m	6.944	ng/ul	
17) Pyrene	19.45	202	203601m	10.197	ng/ul	
18) Benzo(a)anthracene	21.21	228	87287m	5.276	ng/ul	
19) Chrysene	21.26	228	90825m	5.407	ng/ul	
21) Benzo(b)fluoranthene	22.77	252	107872m	5.829	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	38134m	1.988	ng/ul	
23) Benzo(a)pyrene	23.33	252	78605m	4.739	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.64	276	45479m	2.386	ng/ul	
25) Dibenzo(a,h)anthracene	25.64	278	12300m	0.806	ng/ul	
26) Benzo(g,h,i)perylene	26.31	276	42894m	2.669	ng/ul	

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

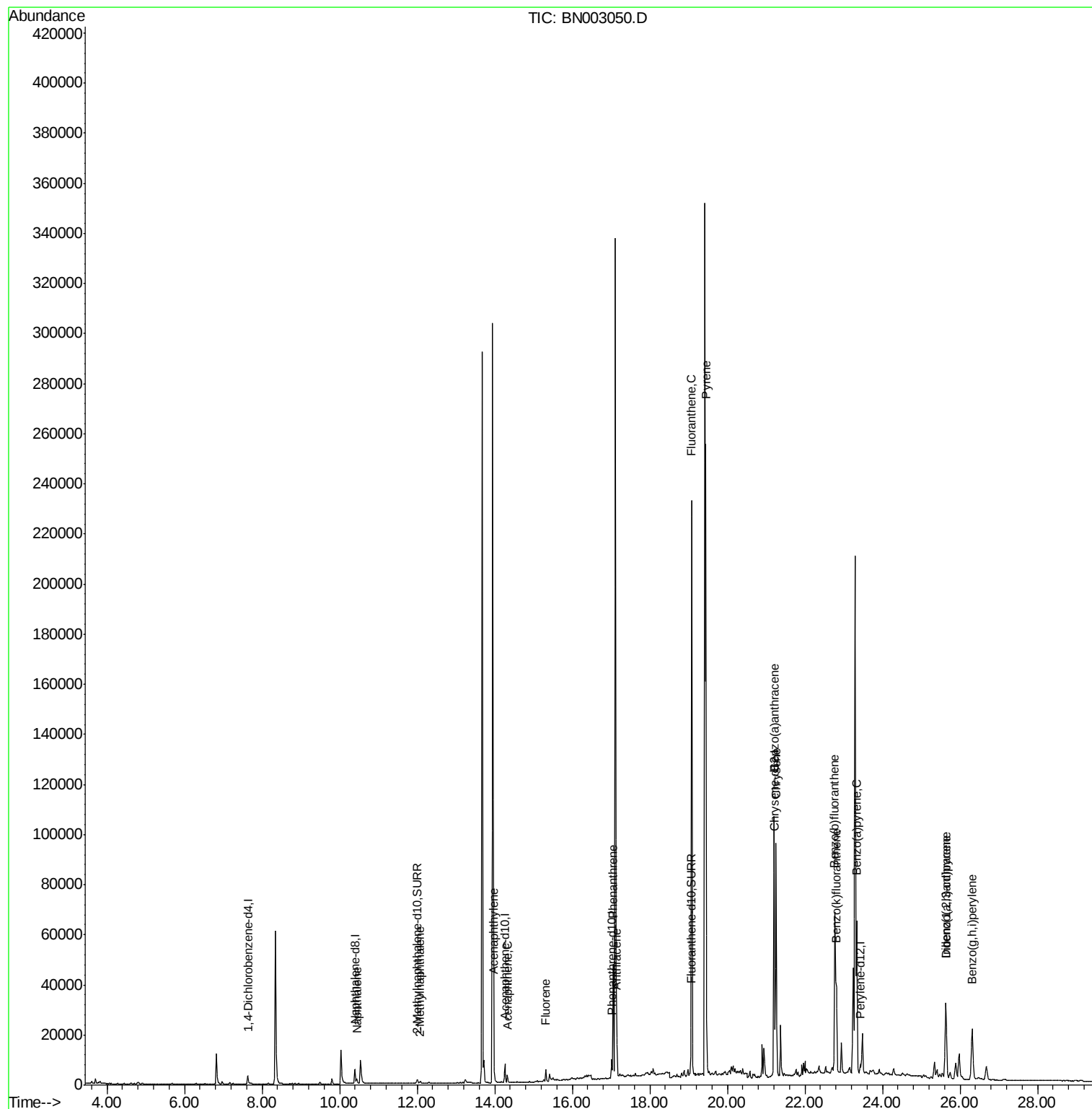
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
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ALS Vial : 22 Sample Multiplier: 1

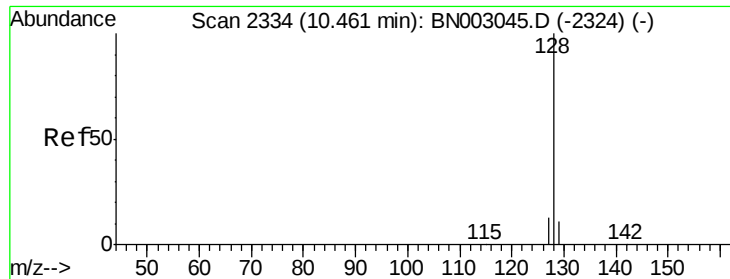
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
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#3

Naphthalene

Concen: 0.138 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Instrument :

BNA_N

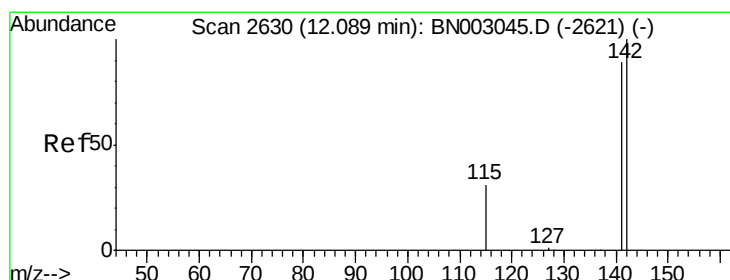
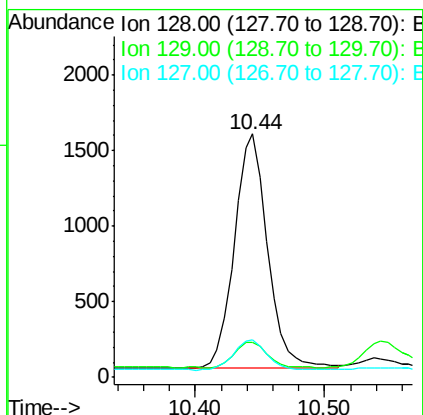
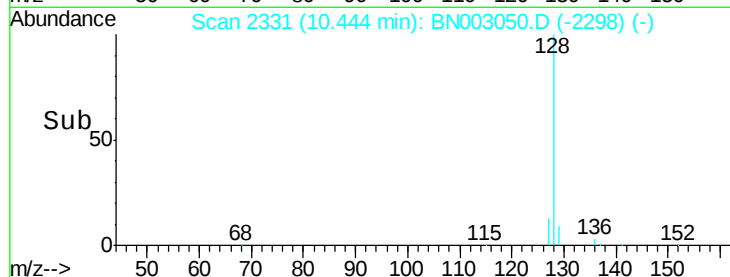
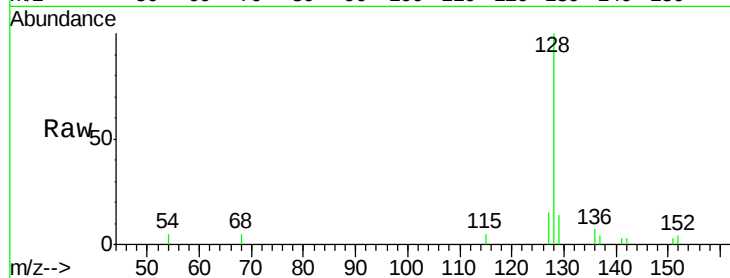
ClientSampleId :

JLC67

Tgt Ion:	128	Resp:	2775
Ion Ratio	Lower	Upper	
128	100		
129	14.3	10.4	15.6
127	15.4	11.7	17.5

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#5

2-Methylnaphthalene

Concen: 0.051 ng/ul

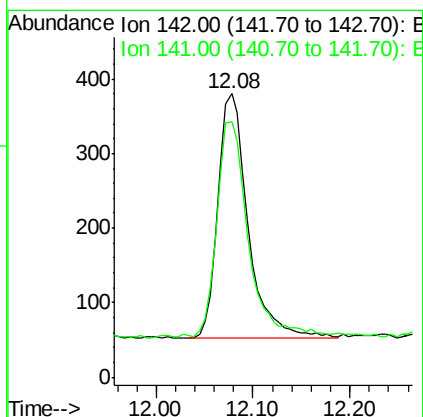
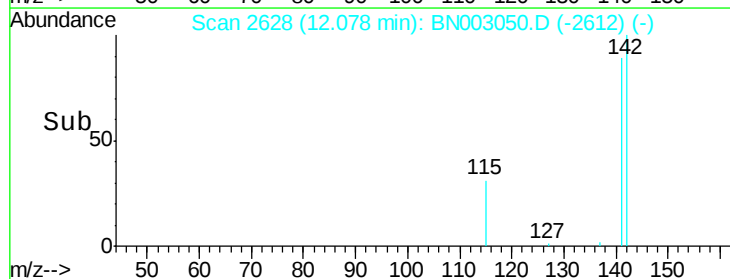
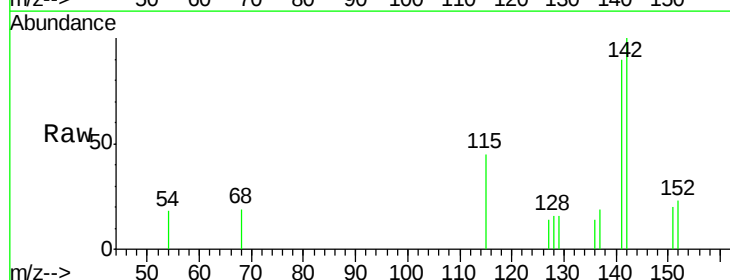
RT: 12.08 min Scan# 2628

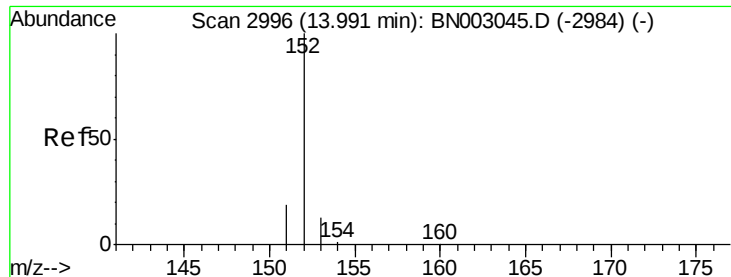
Delta R.T. -0.01 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Tgt Ion:	142	Resp:	711
Ion Ratio	Lower	Upper	
142	100		
141	91.4	73.4	110.0





#7

Acenaphthylene

Concen: 0.135 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Instrument :

BNA_N

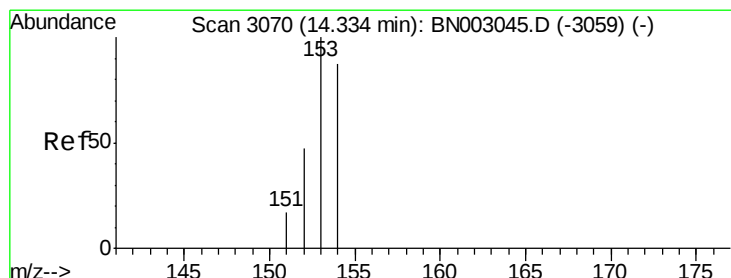
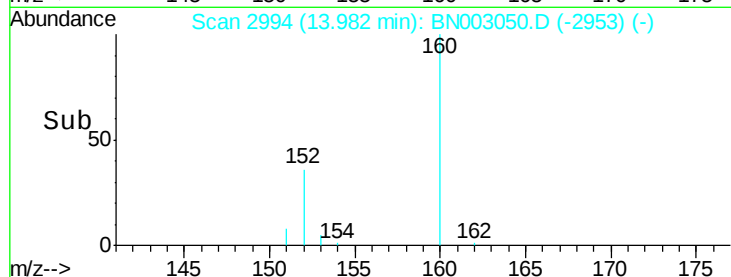
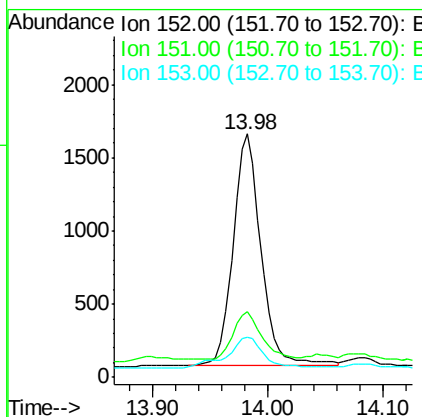
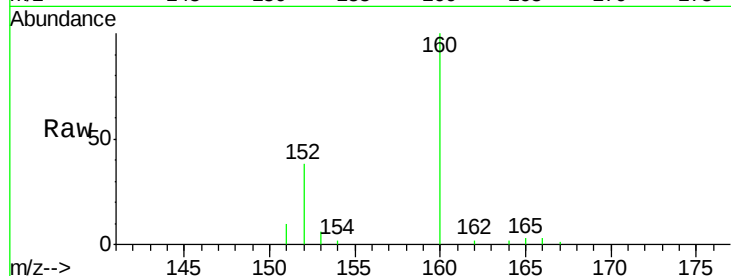
ClientSampleId :

JLC67

Tgt Ion:	152	Resp:	2674
Ion Ratio	Lower	Upper	
152	100		
151	26.8	16.5	24.7#
153	16.7	11.4	17.2

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#8

Acenaphthene

Concen: 0.128 ng/ul

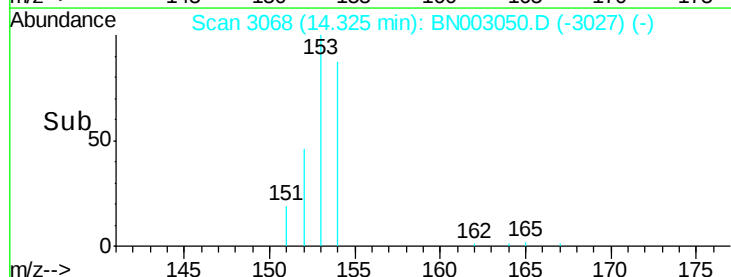
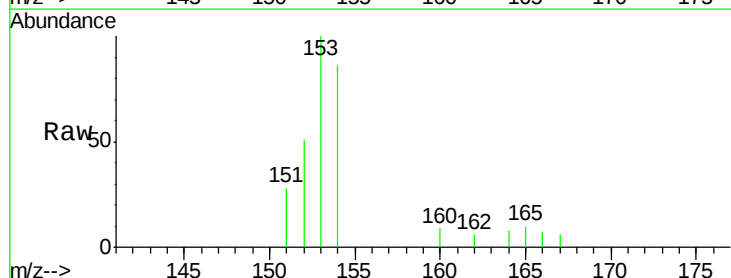
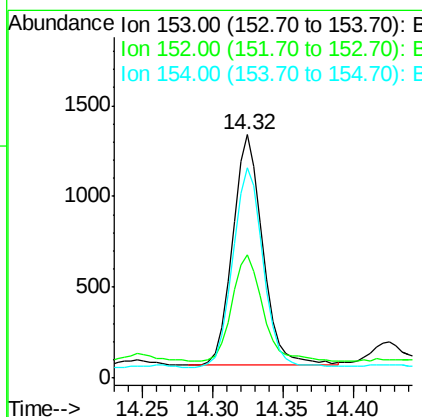
RT: 14.32 min Scan# 3068

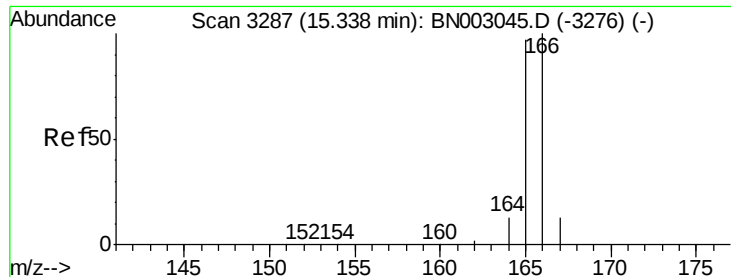
Delta R.T. -0.01 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Tgt Ion:	153	Resp:	1928
Ion Ratio	Lower	Upper	
153	100		
152	50.8	38.2	57.4
154	86.4	70.2	105.2





#9

Fluorene

Concen: 0.184 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Instrument :

BNA_N

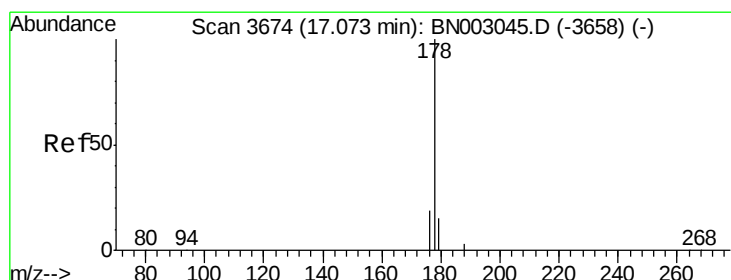
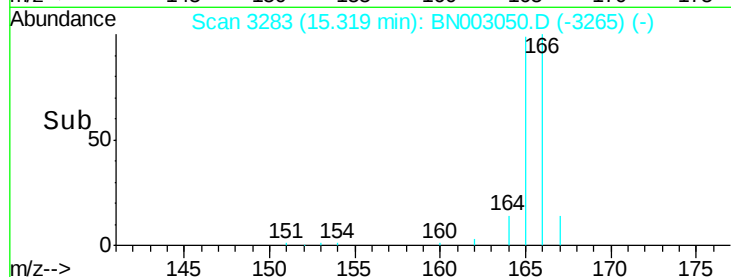
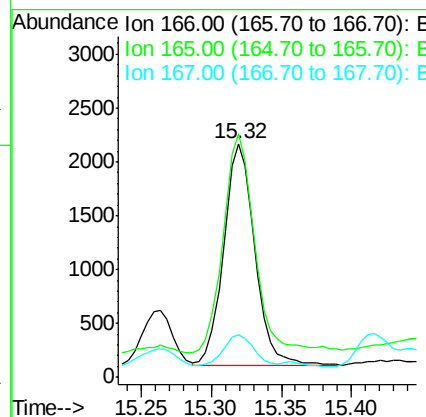
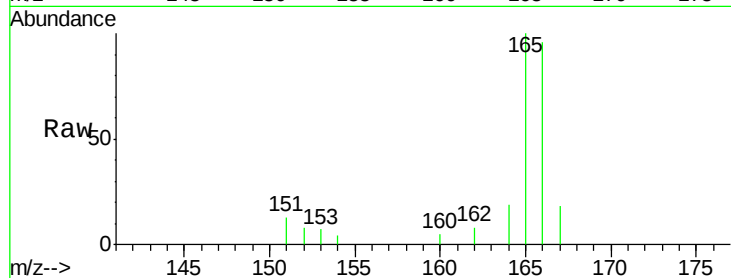
ClientSampleId :

JLC67

Tgt Ion:	166	Resp:	3170
Ion Ratio	Lower	Upper	
166	100		
165	104.1	78.5	117.7
167	18.5	11.6	17.4#

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#12

Phenanthrene

Concen: 1.973 ng/ul

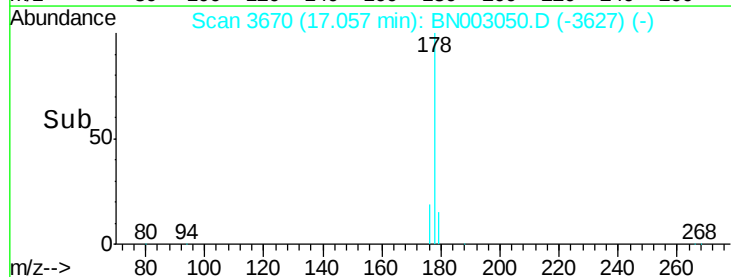
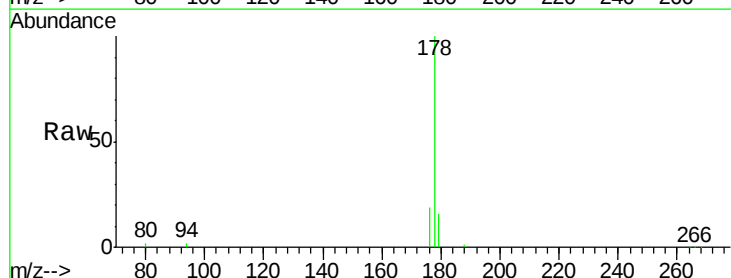
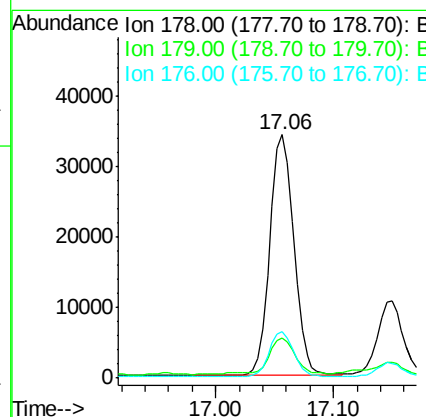
RT: 17.06 min Scan# 3670

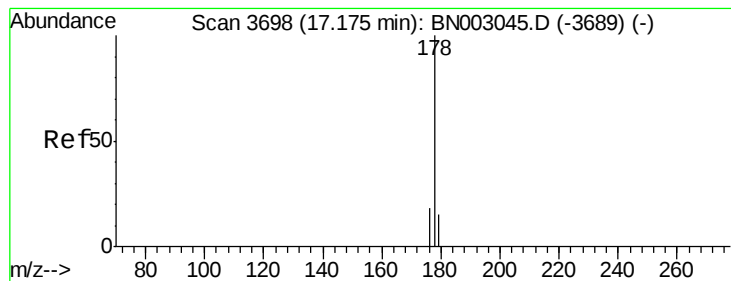
Delta R.T. -0.02 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Tgt Ion:	178	Resp:	48756
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.9	19.3
176	19.1	15.4	23.2





#13

Anthracene

Concen: 0.652 ng/ul m

RT: 17.15 min Scan# 3692

Delta R.T. -0.03 min

Lab File: BN003050.D

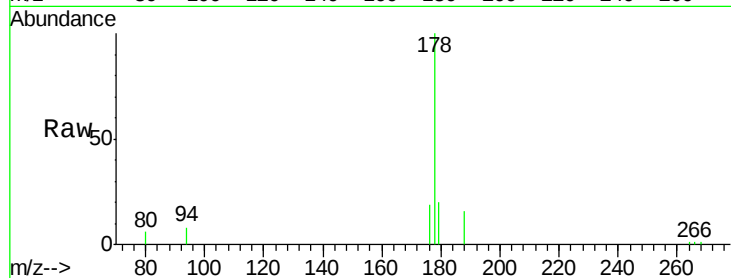
Acq: 10 Oct 2018 04:55

Instrument :

BNA_N

ClientSampleId :

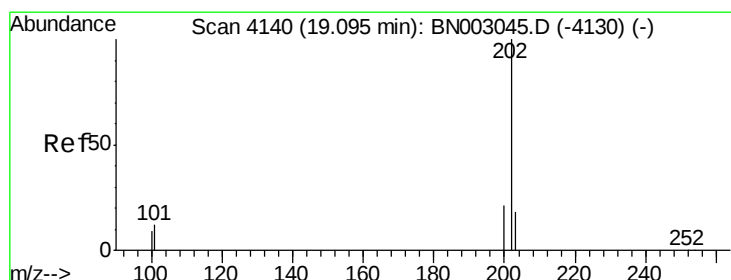
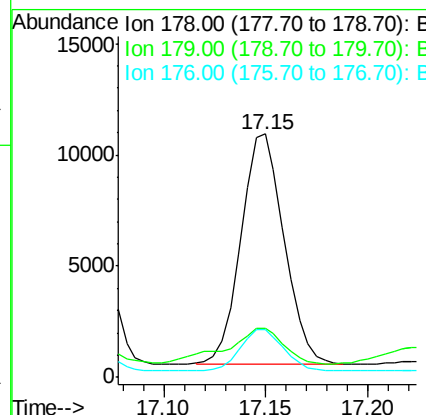
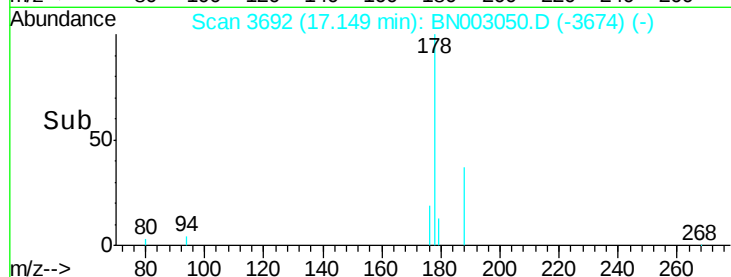
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.2	13.0	19.6#
176	19.5	15.3	22.9

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#15

Fluoranthene

Concen: 6.944 ng/ul m

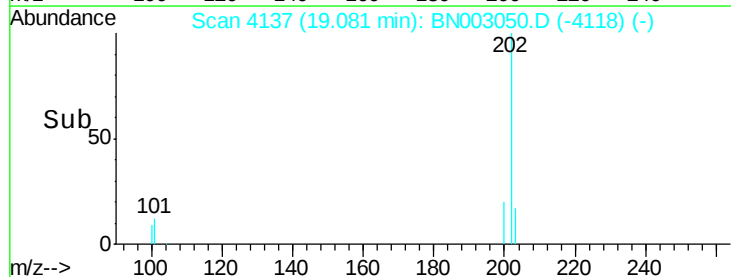
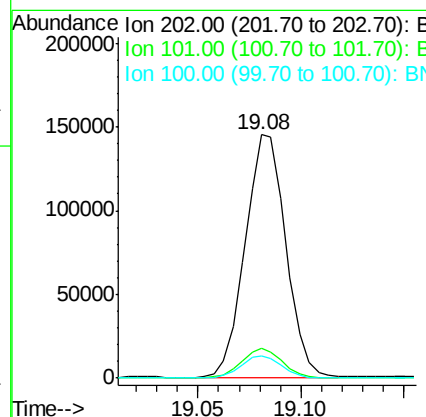
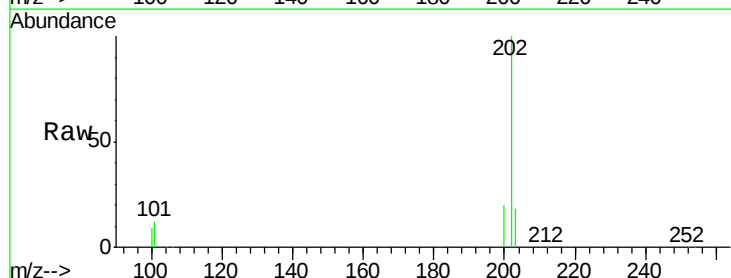
RT: 19.08 min Scan# 4137

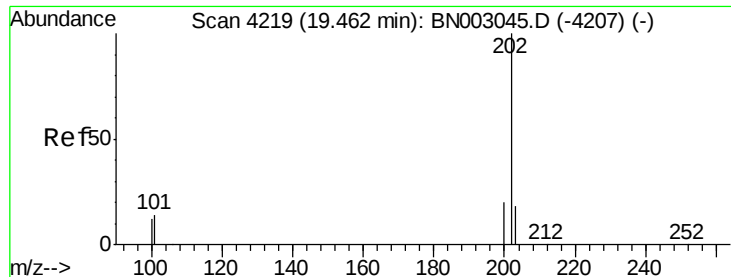
Delta R.T. -0.01 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.3
100	9.3	0.0	29.1





#17

Pyrene

Concen: 10.197 ng/ul m

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Instrument :

BNA_N

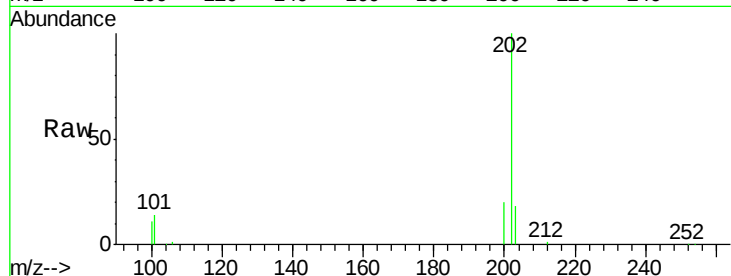
ClientSampleId :

JLC67

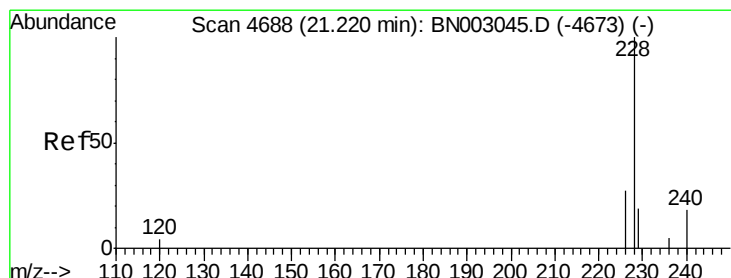
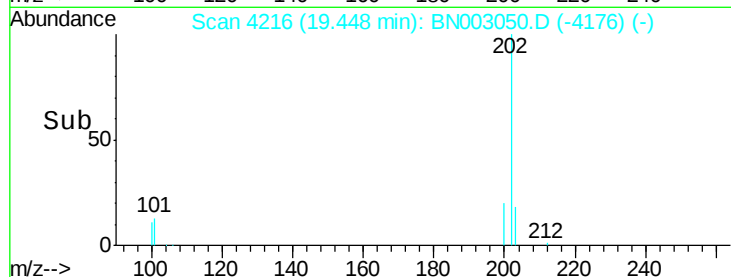
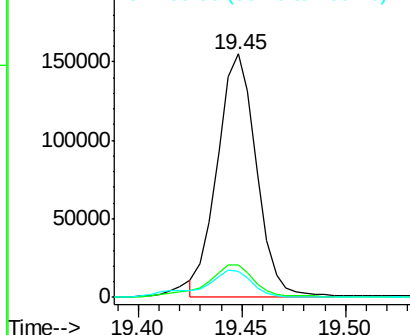
Tgt Ion:	202	Resp:	203601
Ion Ratio	Lower	Upper	
202	100		
101	13.5	11.9	17.9
100	10.7	9.9	14.9

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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: 5.276 ng/ul m

RT: 21.21 min Scan# 4683

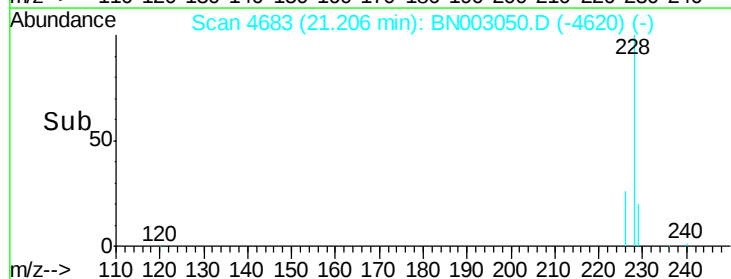
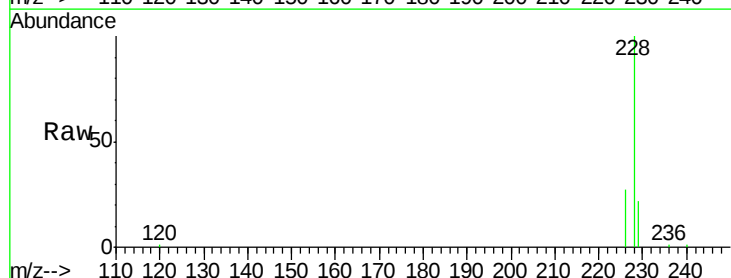
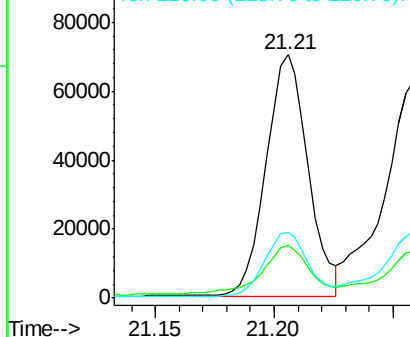
Delta R.T. -0.01 min

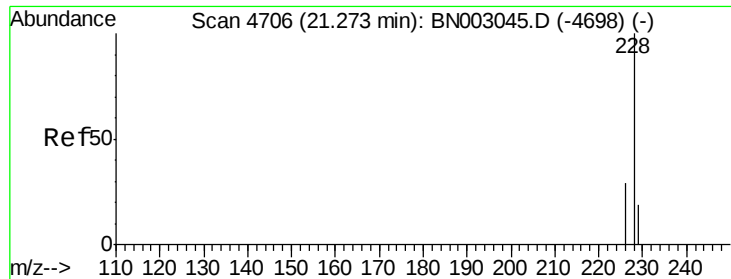
Lab File: BN003050.D

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Tgt Ion:	228	Resp:	87287
Ion Ratio	Lower	Upper	
228	100		
229	21.5	16.2	24.2
226	27.1	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: 5.407 ng/ul m

RT: 21.26 min Scan# 4701

Delta R.T. -0.01 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Instrument :

BNA_N

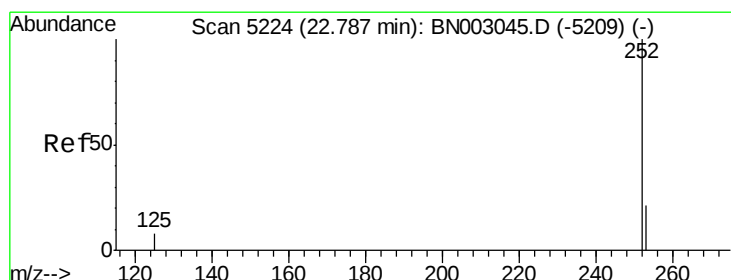
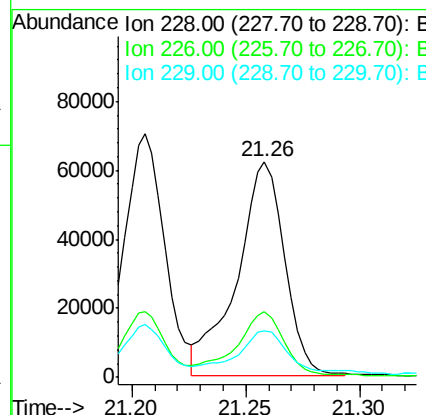
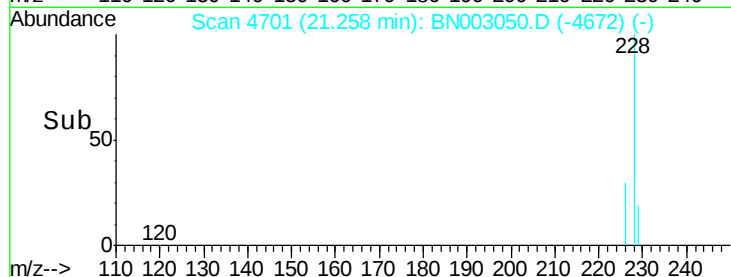
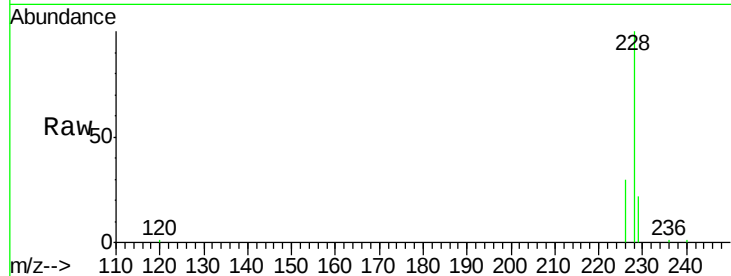
ClientSampled :

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Tgt Ion:	228	Resp:	90825
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.2	36.4
229	21.7	16.7	25.1

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#21

Benzo(b)fluoranthene

Concen: 5.829 ng/ul m

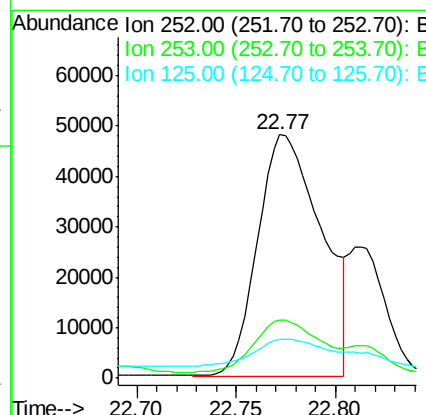
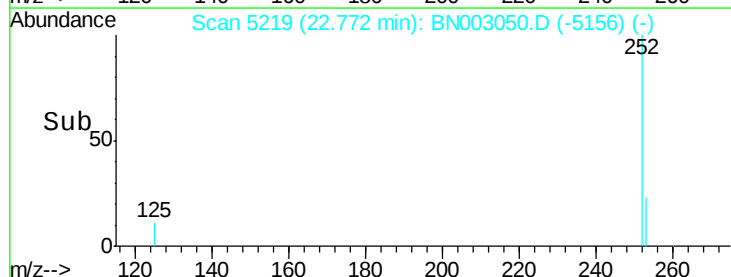
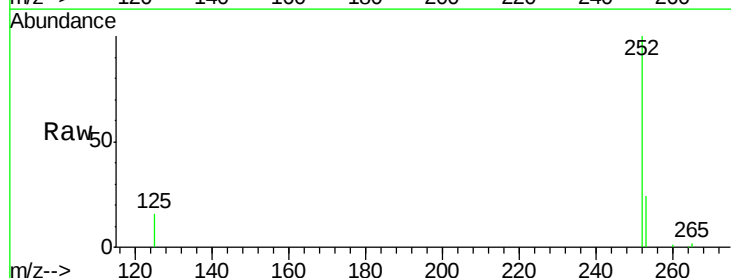
RT: 22.77 min Scan# 5219

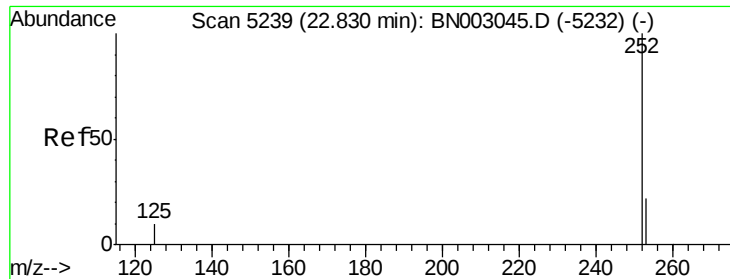
Delta R.T. -0.01 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Tgt Ion:	252	Resp:	107872
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	53.2
125	15.9	0.0	34.2





#22

Benzo(k)fluoranthene

Concen: 1.988 ng/ul m

RT: 22.81 min Scan# 5233

Delta R.T. -0.02 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Instrument :

BNA_N

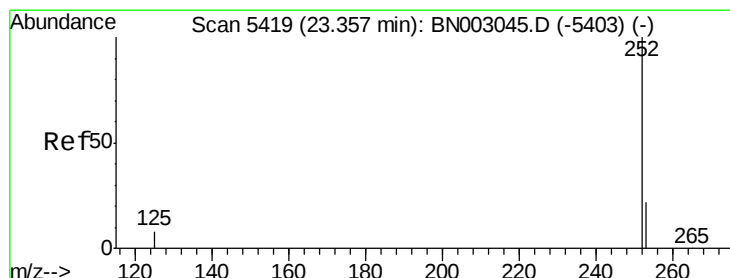
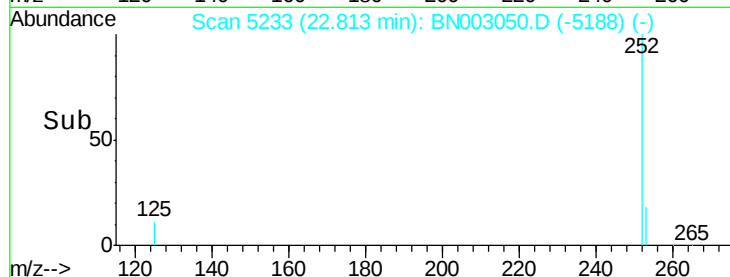
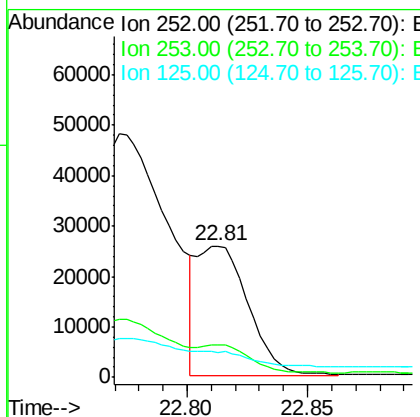
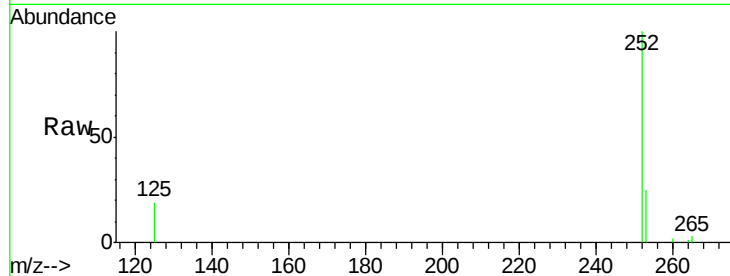
ClientSampleId :

JLC67

Tgt Ion:	252	Resp:	38134
Ion Ratio	Lower	Upper	
252	100		
253	24.6	21.3	31.9
125	19.2	14.1	21.1

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#23

Benzo(a)pyrene

Concen: 4.739 ng/ul m

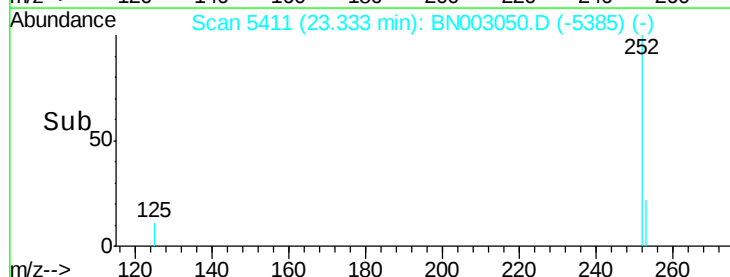
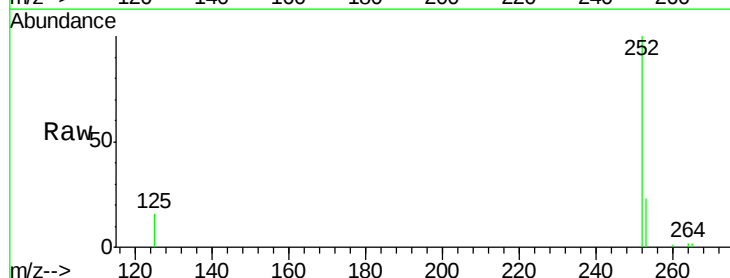
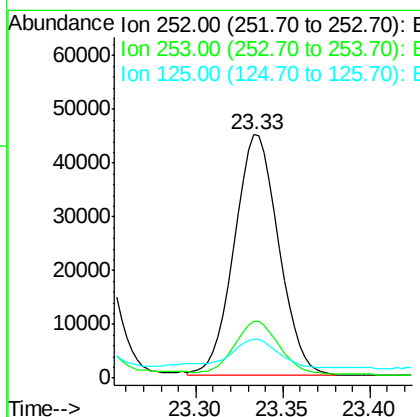
RT: 23.33 min Scan# 5411

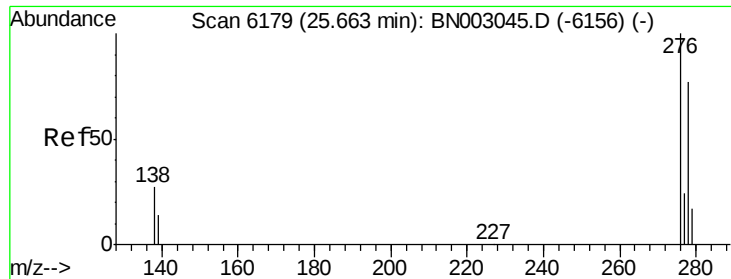
Delta R.T. -0.02 min

Lab File: BN003050.D

Acq: 10 Oct 2018 04:55

Tgt Ion:	252	Resp:	78605
Ion Ratio	Lower	Upper	
252	100		
253	23.2	23.1	34.7
125	16.0	16.9	25.3#

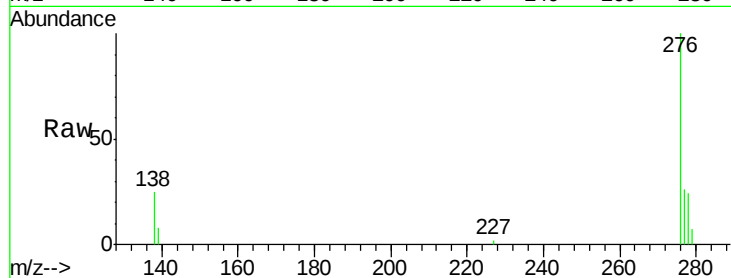




#24

Indeno(1,2,3-cd)pyrene
Concen: 2.386 ng/ul m
RT: 25.64 min Scan# 6171
Delta R.T. -0.03 min
Lab File: BN003050.D
Acq: 10 Oct 2018 04:55

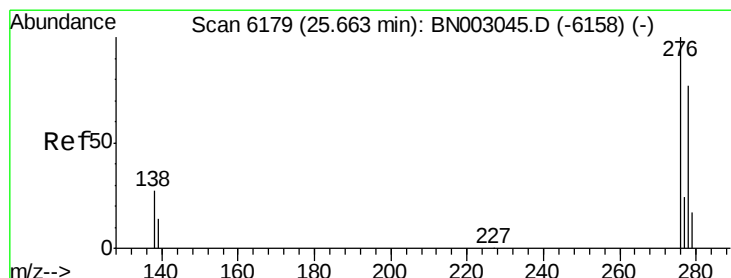
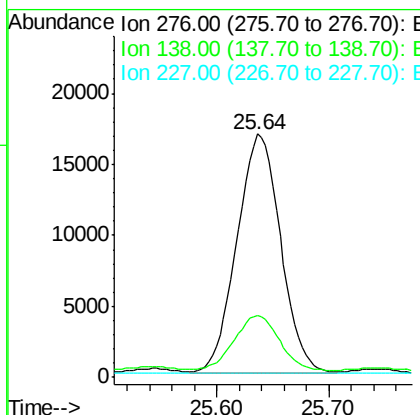
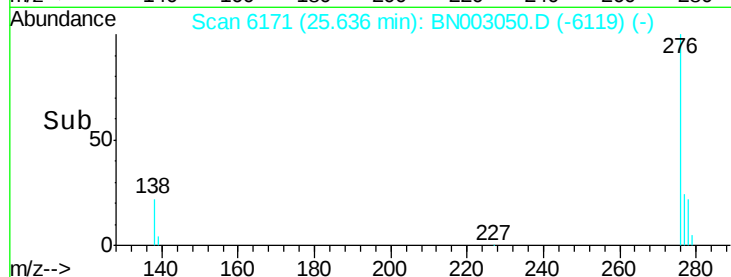
Instrument :
BNA_N
ClientSampleId :
JLC67



Tgt Ion	Ratio	Lower	Upper
276	100		
138	3.4	21.5	32.3#
227	0.0	0.3	0.5#

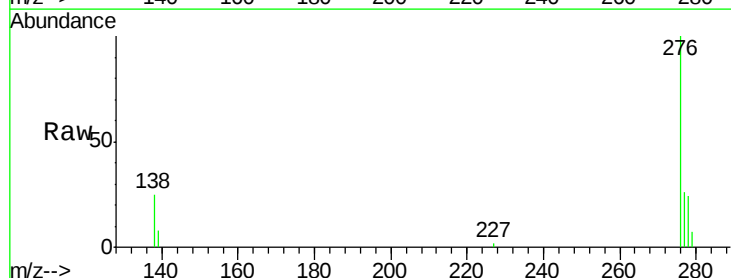
Manual Integrations
APPROVED

Sohil
10/10/2018 4:58:20 PM

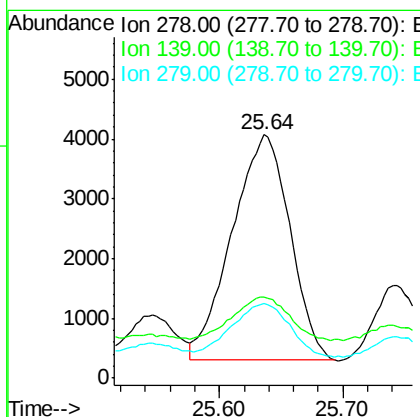
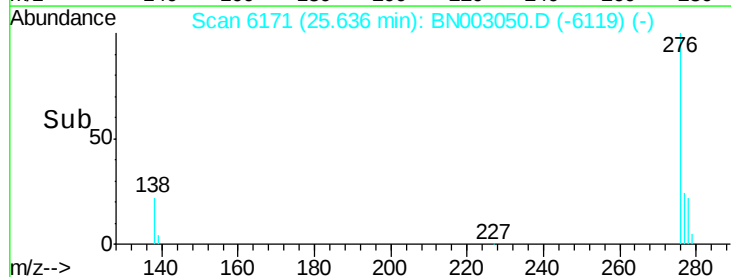


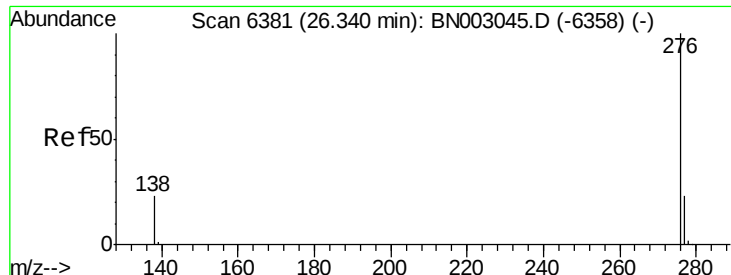
#25

Dibenzo(a,h)anthracene
Concen: 0.806 ng/ul m
RT: 25.64 min Scan# 6171
Delta R.T. -0.03 min
Lab File: BN003050.D
Acq: 10 Oct 2018 04:55



Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.5	20.2	30.4#
279	30.5	23.8	35.8





#26

Benzo(g,h,i)perylene

Concen: 2.669 ng/ul m

RT: 26.31 min Scan# 6373

Delta R.T. -0.03 min

Lab File: BN003050.D

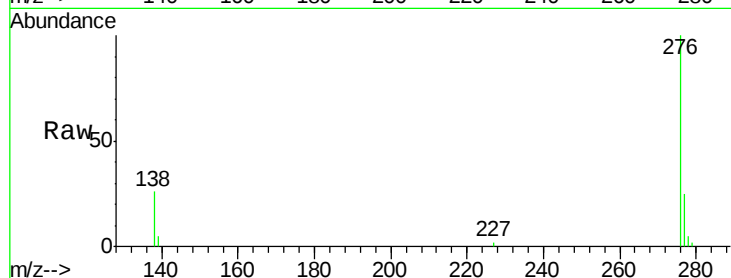
Acq: 10 Oct 2018 04:55

Instrument :

BNA_N

ClientSampleId :

JLC67



Tgt Ion: 276 Resp: 42894

Ion Ratio Lower Upper

276 100

138 26.2 23.0 34.4

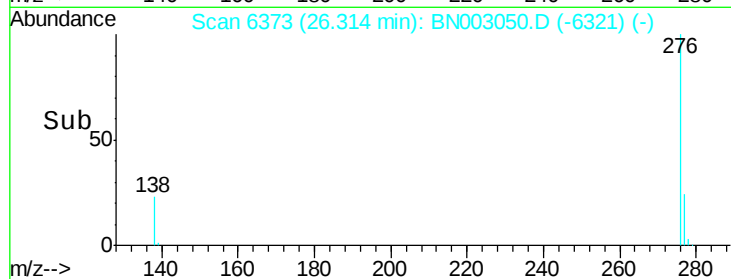
277 25.3 22.0 33.0

Manual Integrations

APPROVED

Sohil

10/10/2018 4:58:20 PM



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

