

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
 Data File : BN003011.D
 Acq On : 09 Oct 2018 05:30
 Operator : MJ/SJ
 Sample : J5116-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC58

Manual Integrations
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Quant Time: Oct 09 09:01:57 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	1223	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	5247	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3165	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7326m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	7461m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	7609	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	2778	0.34	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	7454m	0.36	ng/ul	-0.01
Target Compounds					Qvalue	
3) Naphthalene	10.44	128	2157	0.160	ng/ul	95
5) 2-Methylnaphthalene	12.09	142	369	0.040	ng/ul	96
7) Acenaphthylene	13.98	152	497	0.034	ng/ul#	70
8) Acenaphthene	14.33	153	2325	0.212	ng/ul	99
9) Fluorene	15.32	166	1689	0.134	ng/ul#	97
12) Phenanthrene	17.06	178	37522	1.837	ng/ul	99
13) Anthracene	17.15	178	6607m	0.343	ng/ul	
15) Fluoranthene	19.09	202	89107m	3.719	ng/ul	
17) Pyrene	19.45	202	82233	2.838	ng/ul	97
18) Benzo(a)anthracene	21.21	228	43117	1.796	ng/ul	99
19) Chrysene	21.26	228	51296	2.104	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	69645m	2.542	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	23256m	0.819	ng/ul	
23) Benzo(a)pyrene	23.34	252	45026	1.833	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.65	276	27445	0.972	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.64	278	6425	0.284	ng/ul#	95
26) Benzo(g,h,i)perylene	26.32	276	24159	1.015	ng/ul	95

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

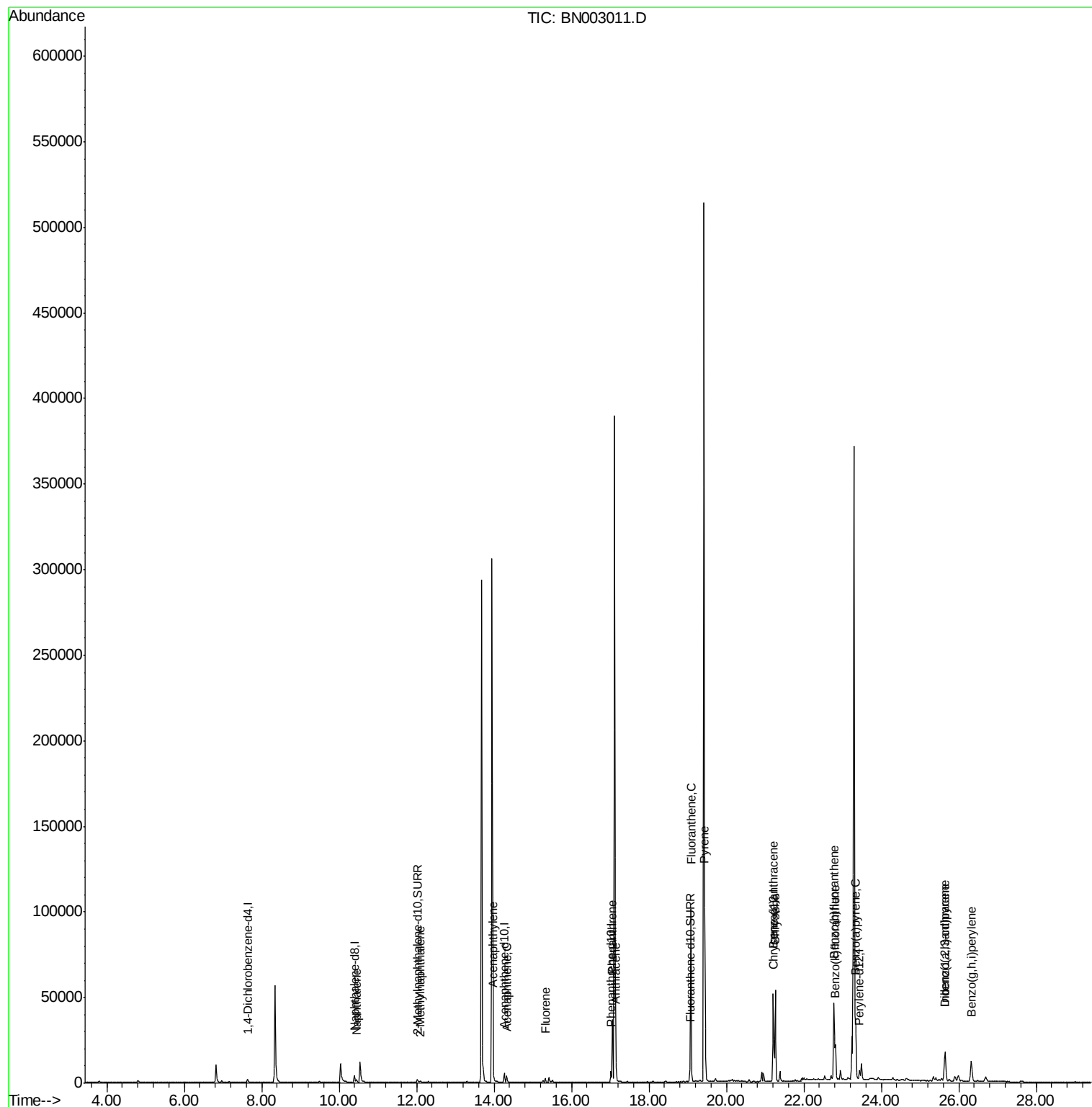
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
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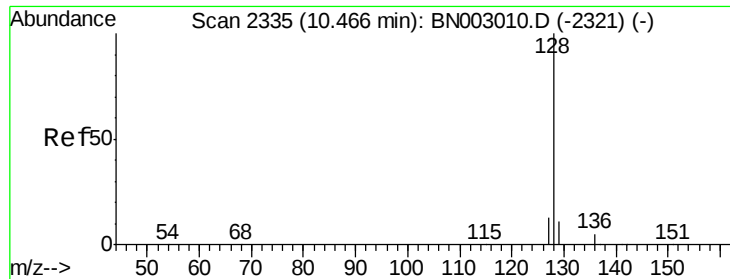
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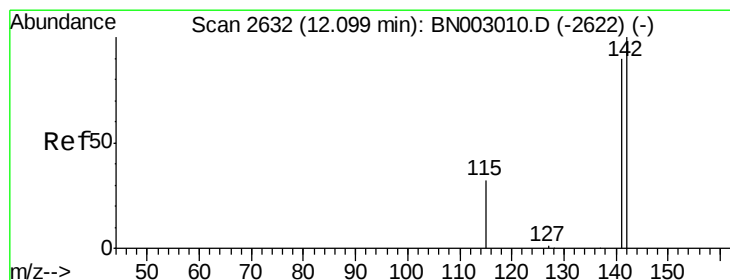
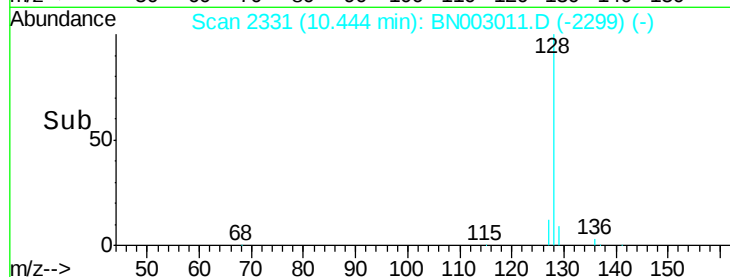
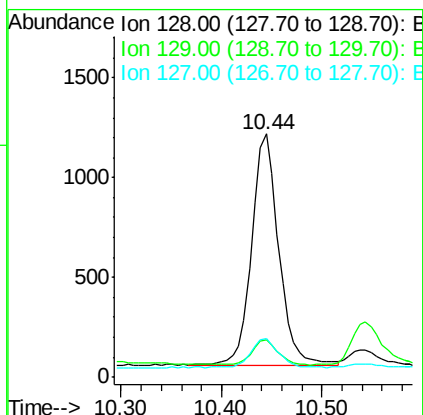
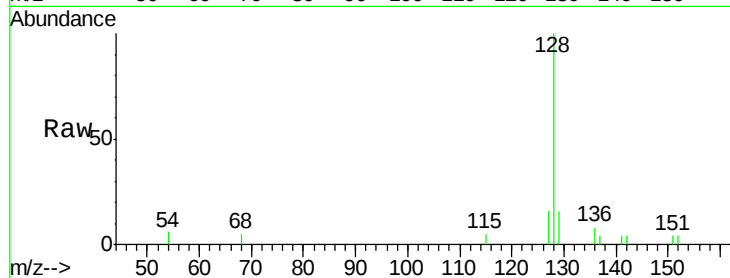
#3
Naphthalene
Concen: 0.160 ng/u1
RT: 10.44 min Scan# 2331
Delta R.T. -0.02 min
Lab File: BN003011.D
Acq: 09 Oct 2018 05:30

Instrument :
BNA_N
ClientSampleId :
JLC58

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.6	10.4	15.6
127	15.9	11.7	17.5

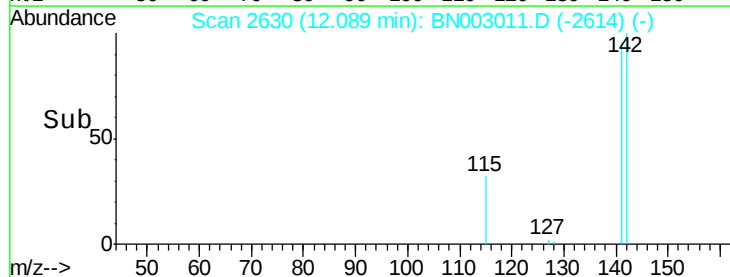
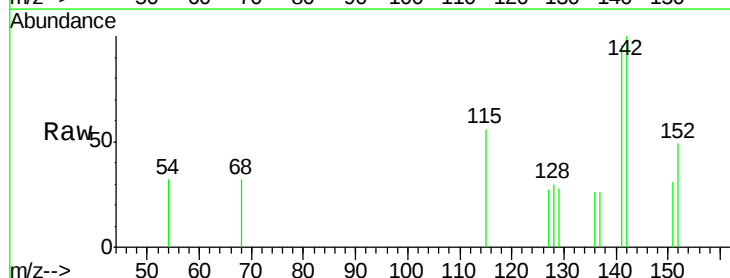
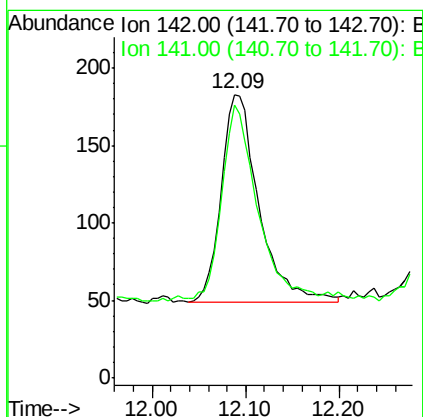
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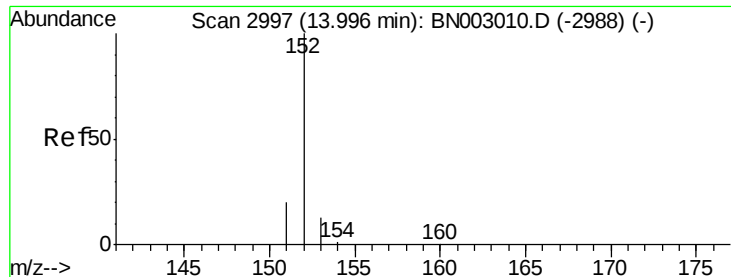
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#5
2-Methylnaphthalene
Concen: 0.040 ng/u1
RT: 12.09 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BN003011.D
Acq: 09 Oct 2018 05:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	73.4	110.0





#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003011.D

Acq: 09 Oct 2018 05:30

Instrument :

BNA_N

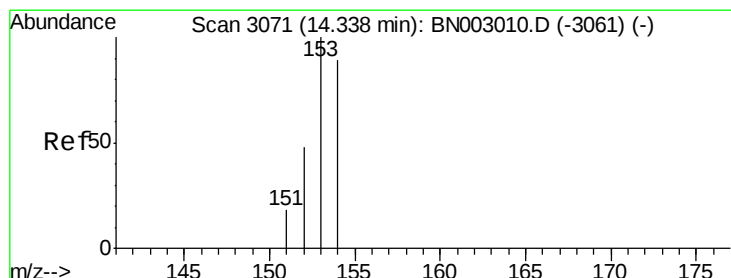
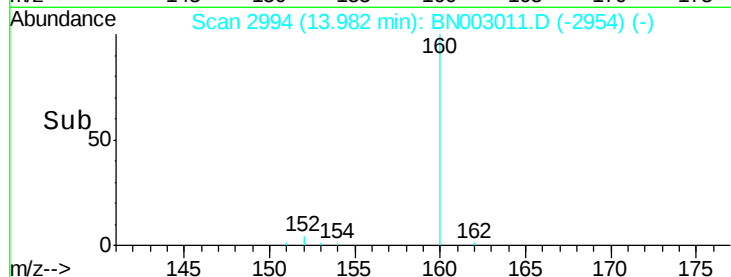
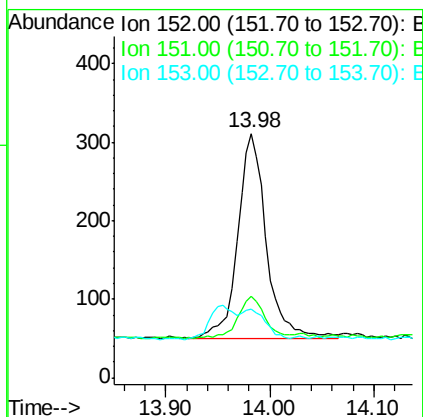
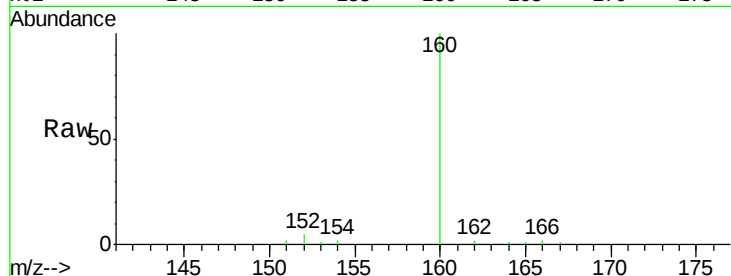
ClientSampleId :

JLC58

Tgt Ion:	152	Resp:	497
Ion Ratio	Lower	Upper	
152	100		
151	33.4	16.5	24.7#
153	28.0	11.4	17.2#

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#8

Acenaphthene

Concen: 0.212 ng/ul

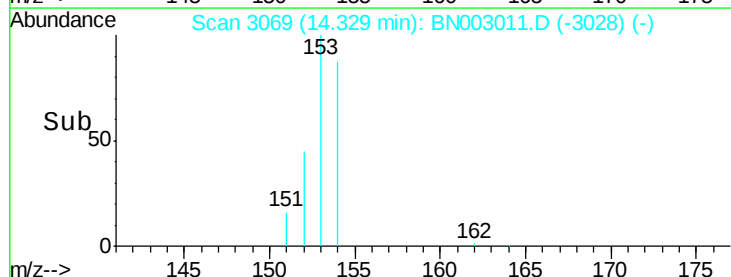
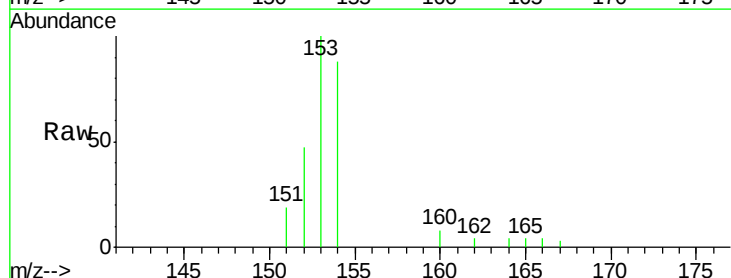
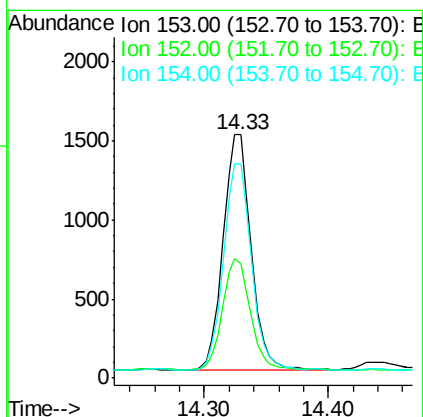
RT: 14.33 min Scan# 3069

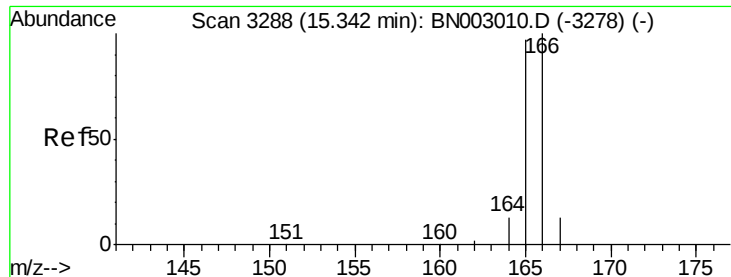
Delta R.T. -0.01 min

Lab File: BN003011.D

Acq: 09 Oct 2018 05:30

Tgt Ion:	153	Resp:	2325
Ion Ratio	Lower	Upper	
153	100		
152	46.9	38.2	57.4
154	87.8	70.2	105.2





#9

Fluorene

Concen: 0.134 ng/ul

RT: 15.32 min Scan# 3284

Delta R.T. -0.02 min

Lab File: BN003011.D

Acq: 09 Oct 2018 05:30

Instrument :

BNA_N

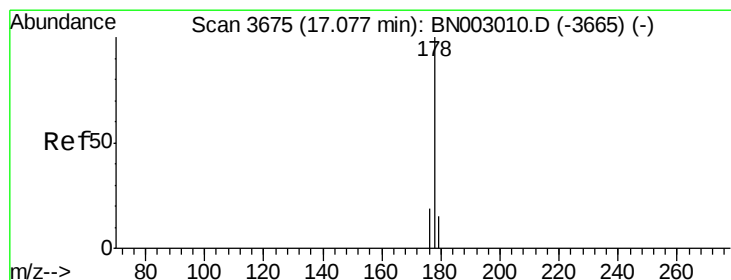
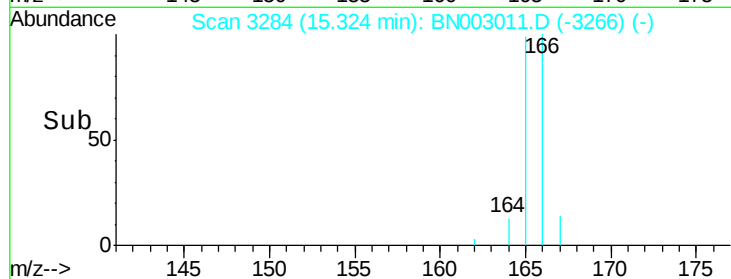
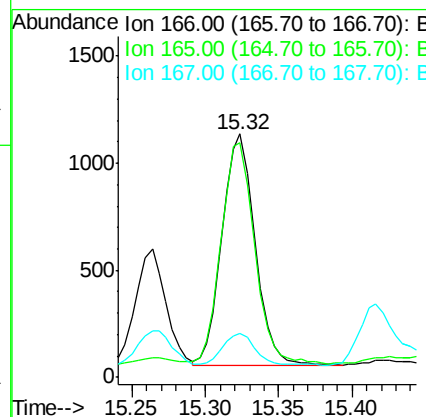
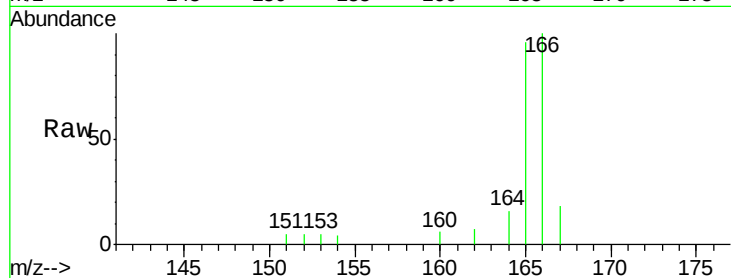
ClientSampled :

JLC58

Tgt Ion:	166	Resp:	1689
Ion Ratio	Lower	Upper	
166	100		
165	96.3	78.5	117.7
167	18.3	11.6	17.4#

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#12

Phenanthrene

Concen: 1.837 ng/ul

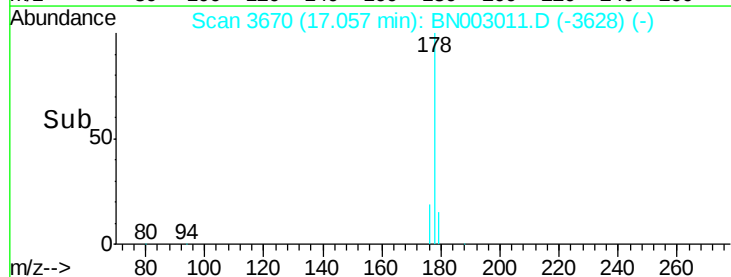
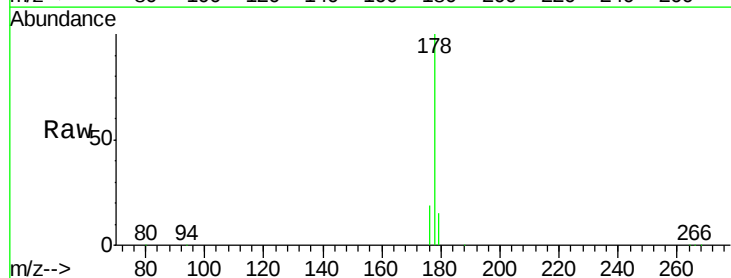
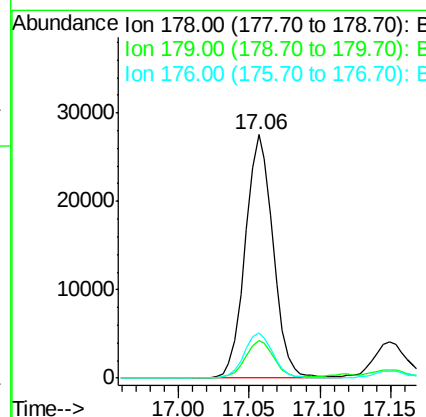
RT: 17.06 min Scan# 3670

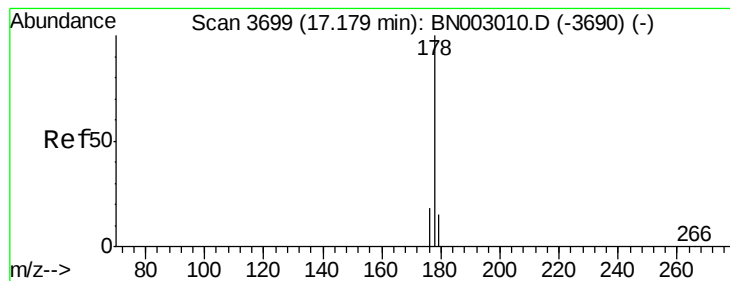
Delta R.T. -0.02 min

Lab File: BN003011.D

Acq: 09 Oct 2018 05:30

Tgt Ion:	178	Resp:	37522
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.9	19.3
176	18.8	15.4	23.2





#13

Anthracene

Concen: 0.343 ng/ul m

RT: 17.15 min Scan# 3692

Delta R.T. -0.03 min

Lab File: BN003011.D

Acq: 09 Oct 2018 05:30

Instrument :

BNA_N

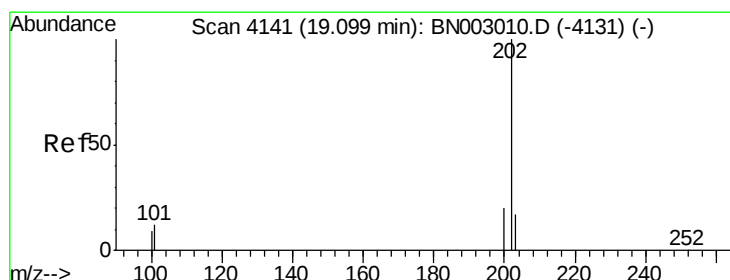
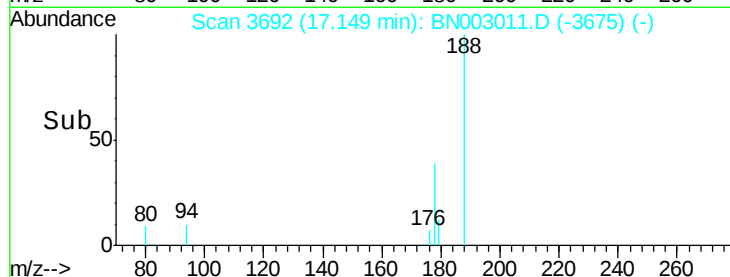
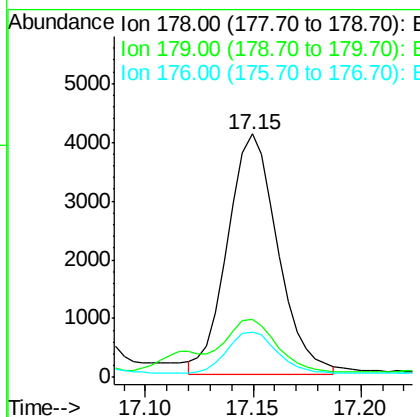
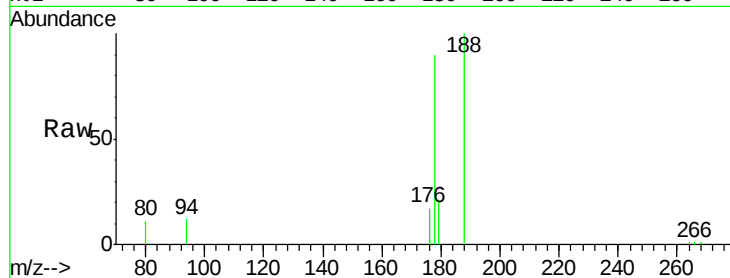
ClientSampled :

JLC58

Tgt Ion:	178	Resp:	6607
Ion Ratio	Lower	Upper	
178	100		
179	23.8	13.0	19.6#
176	18.6	15.3	22.9

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#15

Fluoranthene

Concen: 3.719 ng/ul m

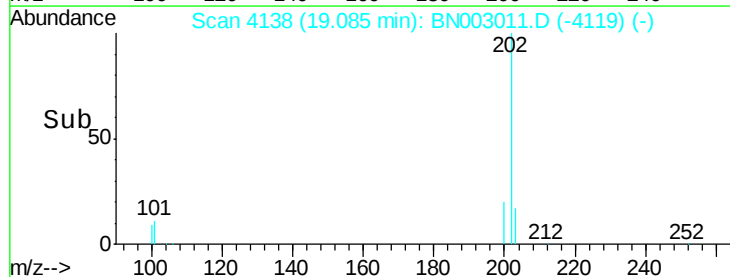
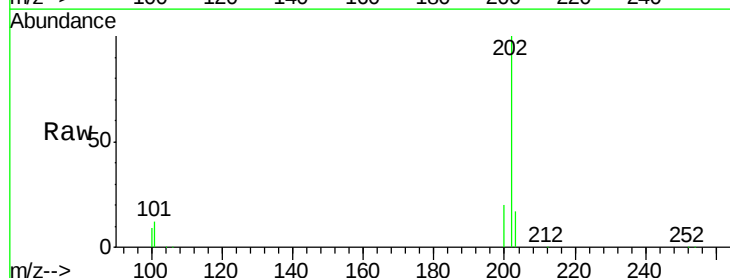
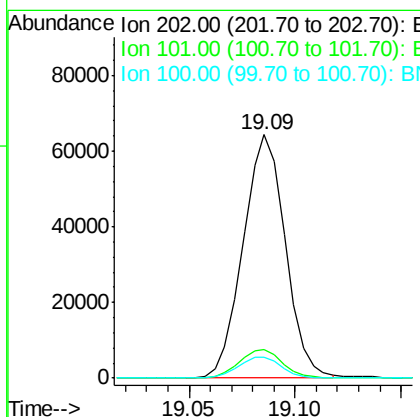
RT: 19.09 min Scan# 4138

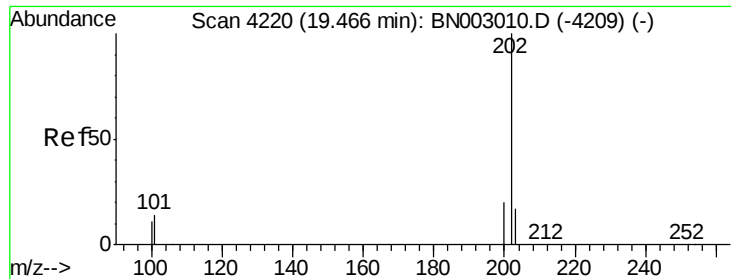
Delta R.T. -0.01 min

Lab File: BN003011.D

Acq: 09 Oct 2018 05:30

Tgt Ion:	202	Resp:	89107
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	32.3
100	8.7	0.0	29.1





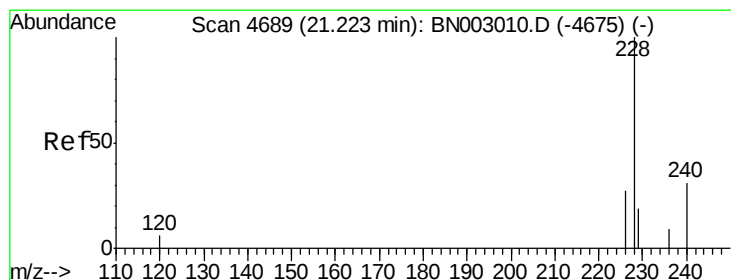
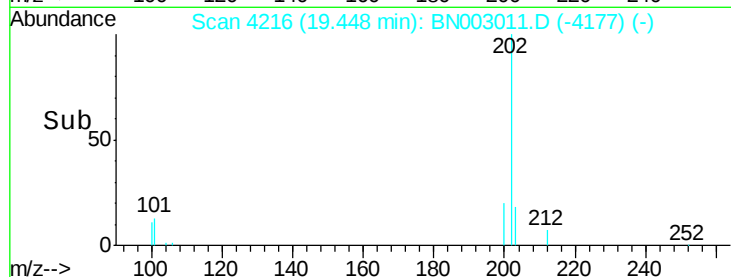
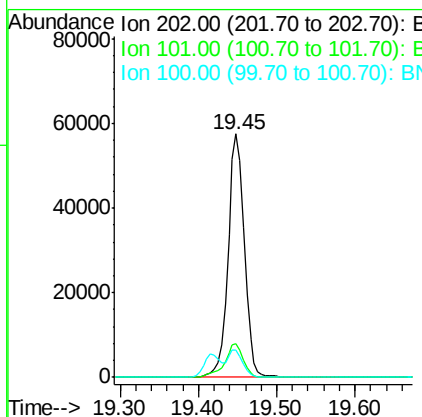
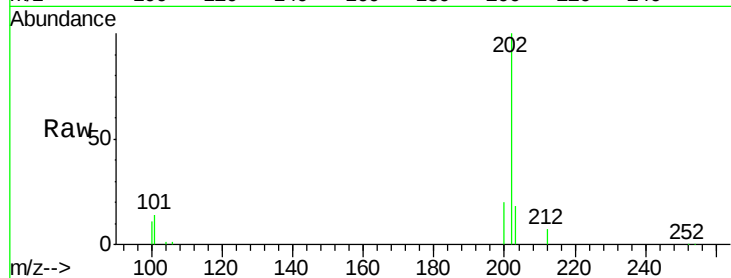
#17
 Pyrene
 Concen: 2.838 ng/ul
 RT: 19.45 min Scan# 4216
 Delta R.T. -0.02 min
 Lab File: BN003011.D
 Acq: 09 Oct 2018 05:30

Instrument :
 BNA_N
 ClientSampleId :
 JLC58

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.6	11.9	17.9
100	11.0	9.9	14.9

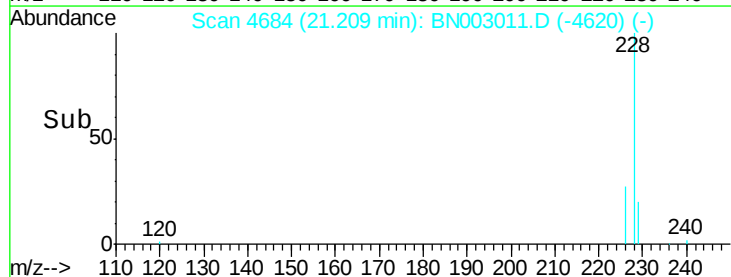
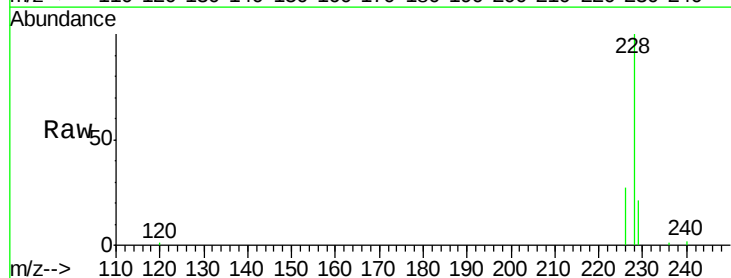
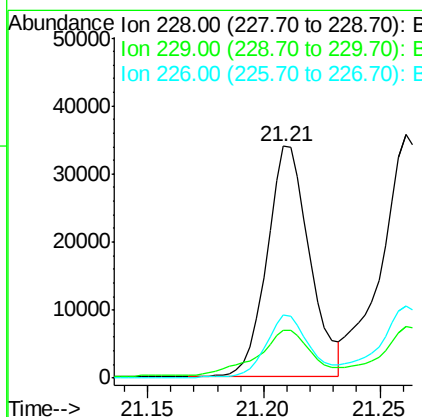
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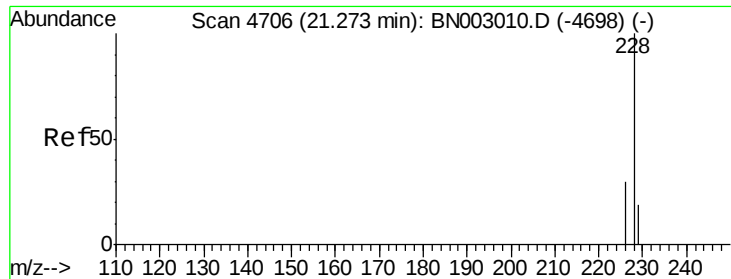
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#18
 Benzo(a)anthracene
 Concen: 1.796 ng/ul
 RT: 21.21 min Scan# 4684
 Delta R.T. -0.01 min
 Lab File: BN003011.D
 Acq: 09 Oct 2018 05:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.6	16.2	24.2
226	27.4	22.3	33.5





#19

Chrysene

Concen: 2.104 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003011.D

Acq: 09 Oct 2018 05:30

Instrument :

BNA_N

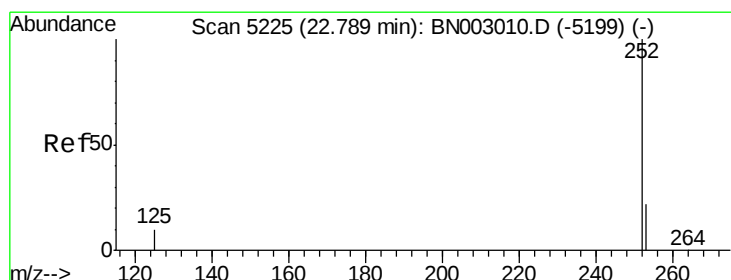
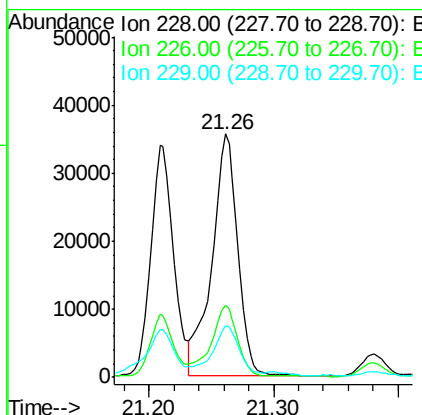
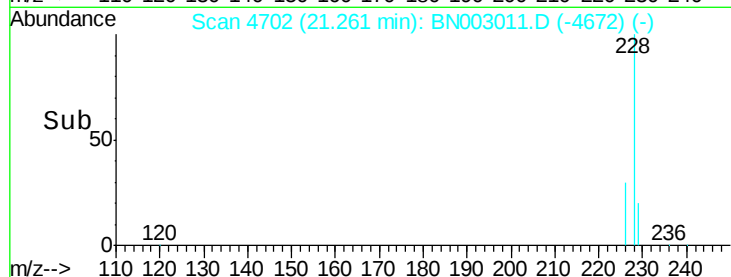
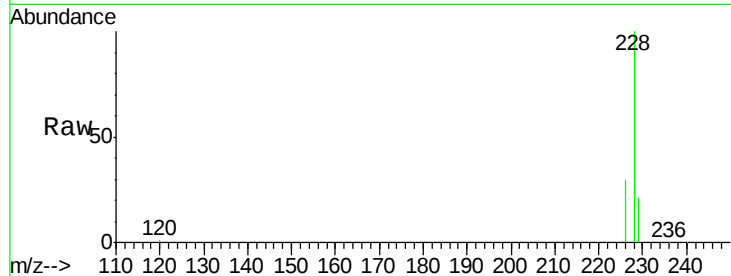
ClientSampleId :

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Tgt Ion:	228	Resp:	51296
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.2	36.4
229	21.2	16.7	25.1

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#21

Benzo(b)fluoranthene

Concen: 2.542 ng/ul m

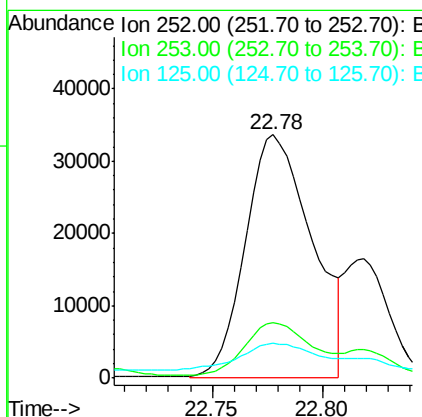
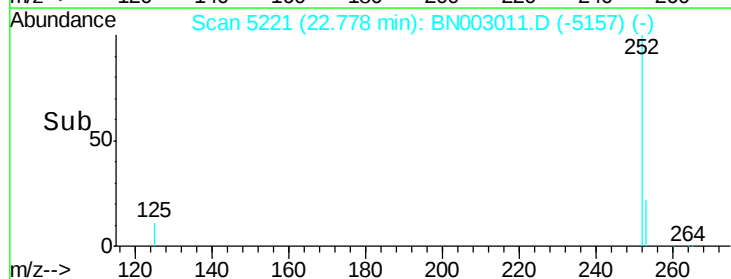
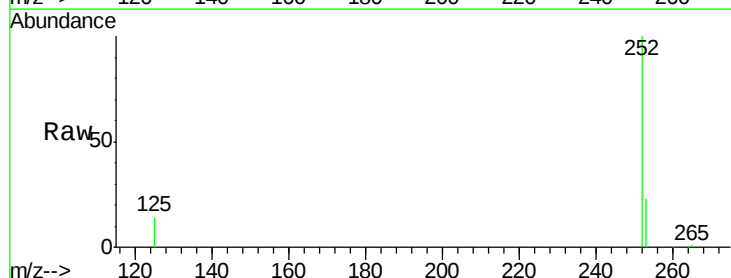
RT: 22.78 min Scan# 5221

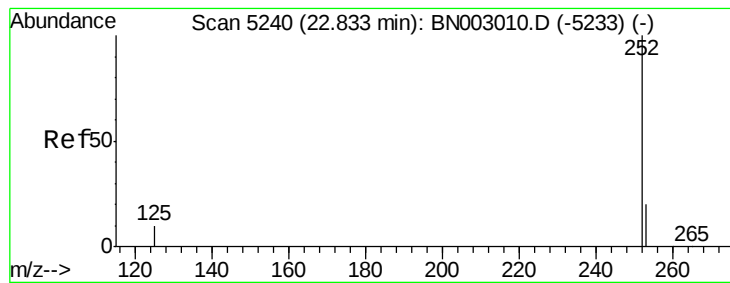
Delta R.T. -0.01 min

Lab File: BN003011.D

Acq: 09 Oct 2018 05:30

Tgt Ion:	252	Resp:	69645
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	53.2
125	14.4	0.0	34.2





#22

Benzo(k)fluoranthene

Concen: 0.819 ng/ul m

RT: 22.82 min Scan# 5235

Delta R.T. -0.01 min

Lab File: BN003011.D

Acq: 09 Oct 2018 05:30

Instrument :

BNA_N

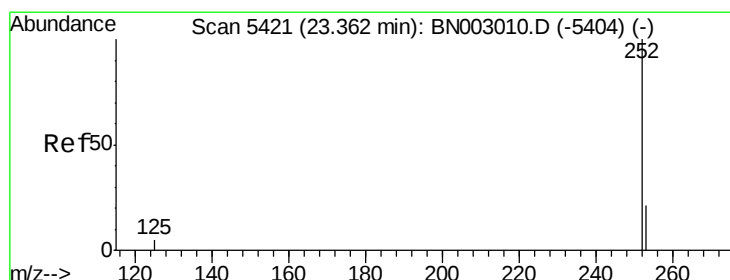
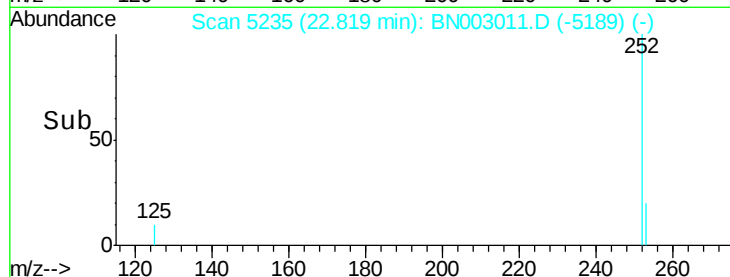
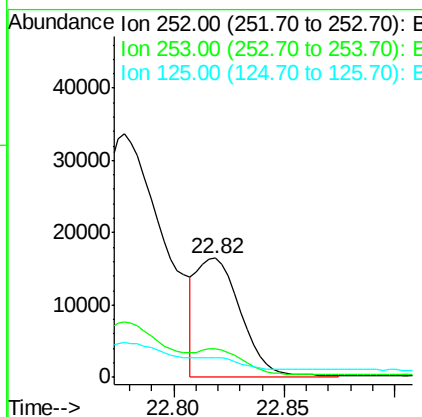
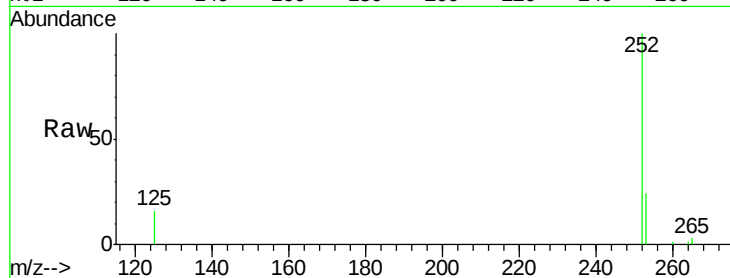
ClientSampled :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	21.3	31.9
125	16.4	14.1	21.1

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#23

Benzo(a)pyrene

Concen: 1.833 ng/ul

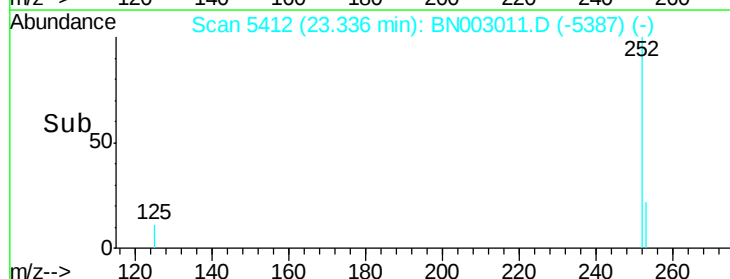
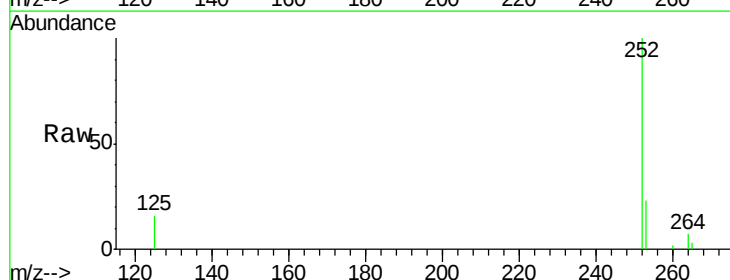
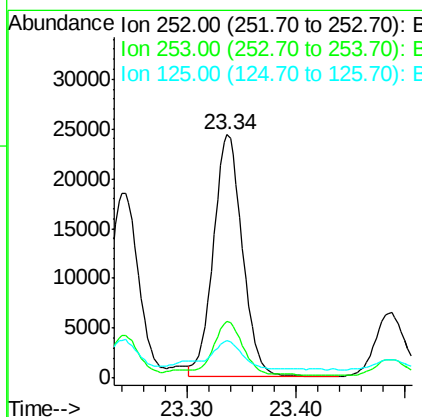
RT: 23.34 min Scan# 5412

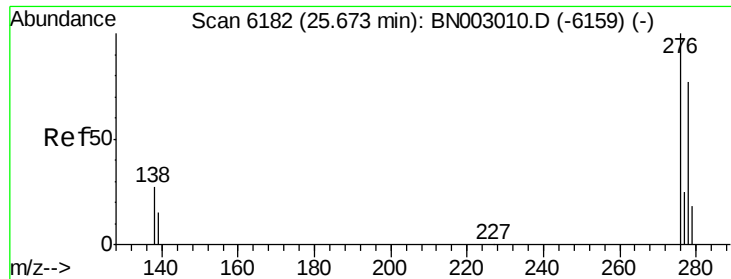
Delta R.T. -0.03 min

Lab File: BN003011.D

Acq: 09 Oct 2018 05:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	23.1	34.7#
125	15.5	16.9	25.3#





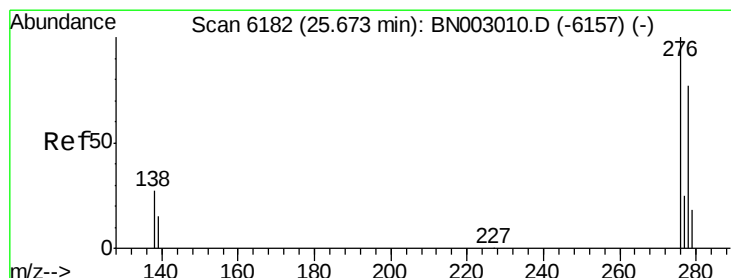
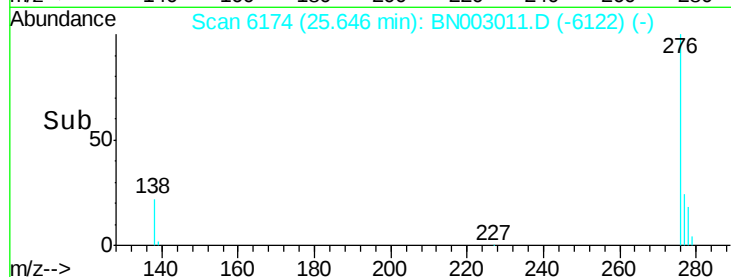
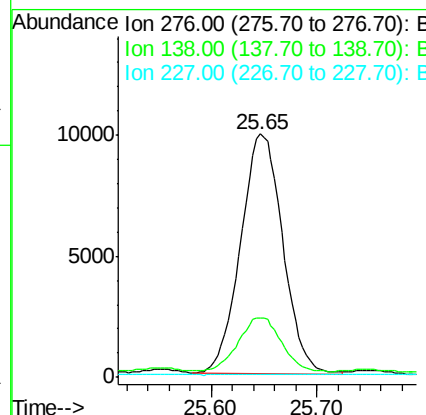
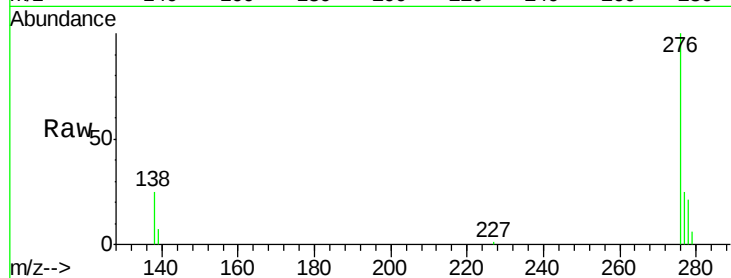
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.972 ng/ul
 RT: 25.65 min Scan# 6174
 Delta R.T. -0.03 min
 Lab File: BN003011.D
 Acq: 09 Oct 2018 05:30

Instrument :
 BNA_N
 ClientSampleId :
 JLC58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	21.5	32.3
227	0.1	0.3	0.5

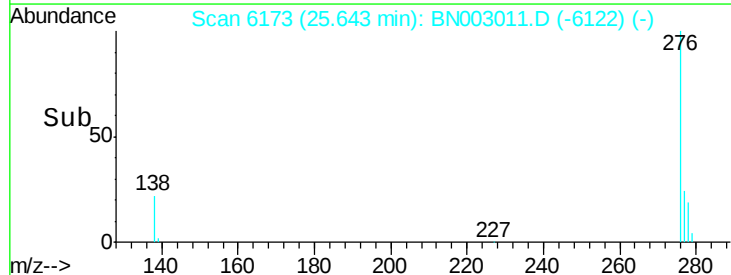
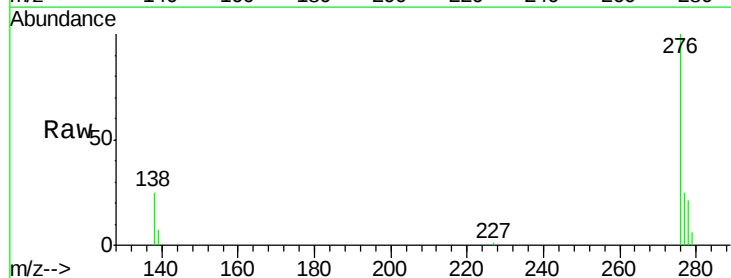
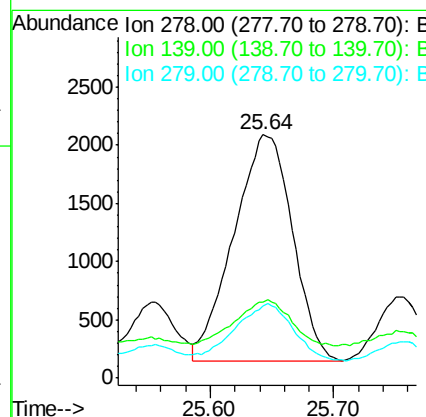
Manual Integrations
 APPROVED

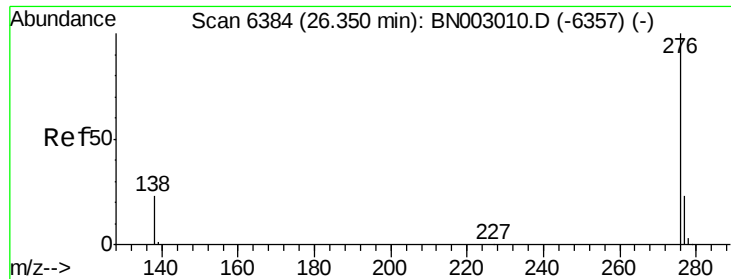
Sohil
 10/9/2018 5:38:23 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.284 ng/ul
 RT: 25.64 min Scan# 6173
 Delta R.T. -0.03 min
 Lab File: BN003011.D
 Acq: 09 Oct 2018 05:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.1	20.2	30.4
279	29.8	23.8	35.8





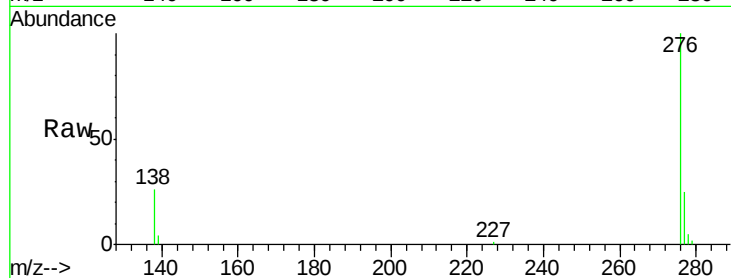
#26
 Benzo(g,h,i)perylene
 Concen: 1.015 ng/ul
 RT: 26.32 min Scan# 6376
 Delta R.T. -0.03 min
 Lab File: BN003011.D
 Acq: 09 Oct 2018 05:30

Instrument :
 BNA_N
 ClientSampleId :
 JLC58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	23.0	34.4
277	25.1	22.0	33.0

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:23 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

