

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
 Data File : BN003054.D
 Acq On : 10 Oct 2018 07:15
 Operator : MJ/SJ
 Sample : J5115-05DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC14DL

Manual Integrations
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Sohil
 10/10/2018 4:58:26 PM

Quant Time: Oct 10 09:23:16 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	1791	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7379	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	4115	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9349	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	7027	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	5769	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1305	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	3268	0.12	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	1468	0.078	ng/ul#	90
5) 2-Methylnaphthalene	12.08	142	552	0.042	ng/ul	98
7) Acenaphthylene	13.98	152	409	0.022	ng/ul#	62
8) Acenaphthene	14.32	153	1309	0.092	ng/ul	98
9) Fluorene	15.32	166	1083	0.066	ng/ul#	94
12) Phenanthrene	17.06	178	6063	0.233	ng/ul	98
13) Anthracene	17.15	178	730	0.030	ng/ul#	78
15) Fluoranthene	19.09	202	8806	0.288	ng/ul	99
17) Pyrene	19.45	202	10123m	0.371	ng/ul	
18) Benzo(a)anthracene	21.21	228	4967m	0.220	ng/ul	
19) Chrysene	21.26	228	26989	1.175	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	9520m	0.458	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	2581m	0.120	ng/ul	
23) Benzo(a)pyrene	23.34	252	3109	0.167	ng/ul#	63
24) Indeno(1,2,3-cd)pyrene	25.65	276	3504	0.164	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.64	278	978	0.057	ng/ul#	21
26) Benzo(g,h,i)perylene	26.33	276	3788	0.210	ng/ul#	90

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

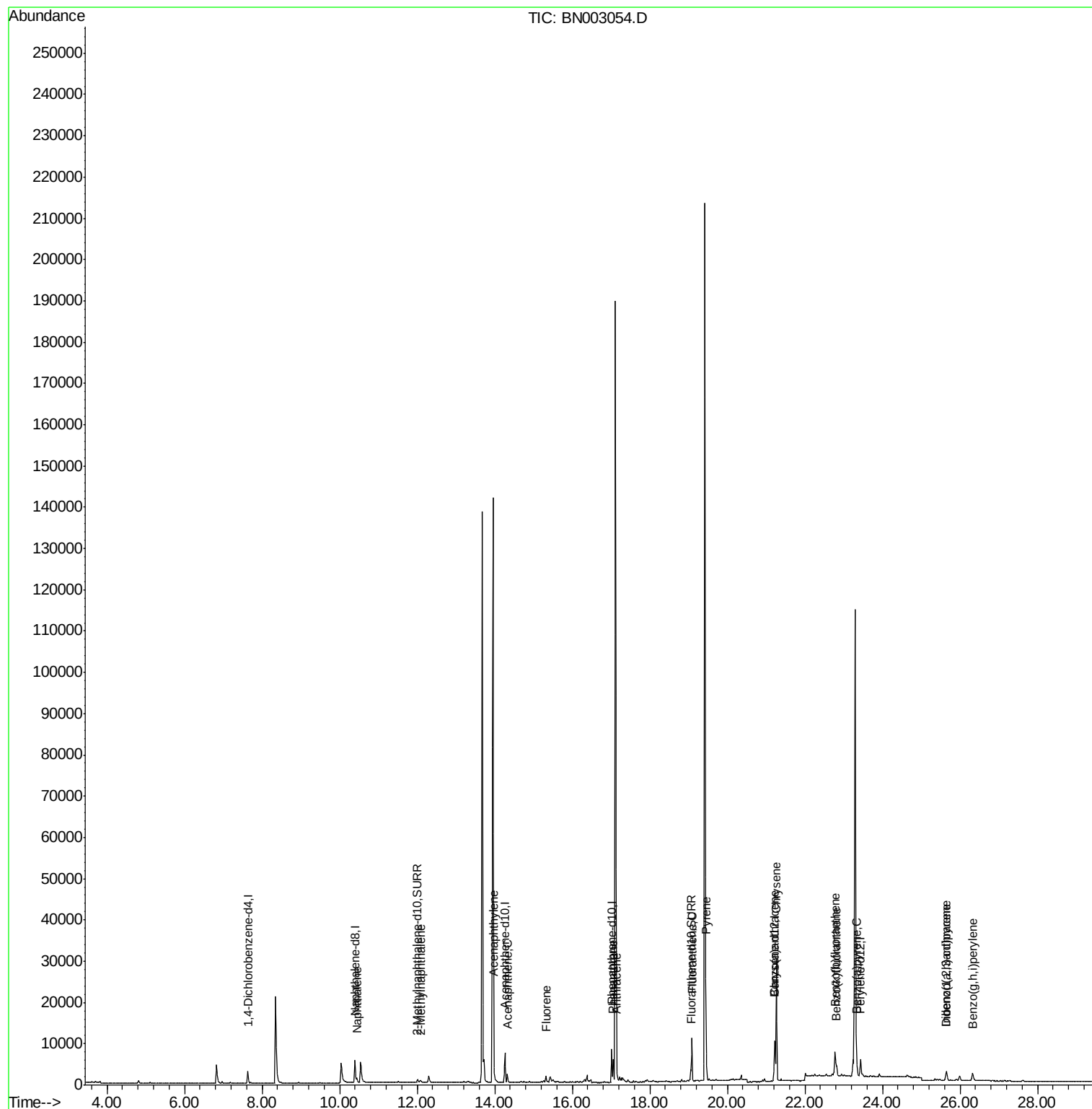
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
Data File : BN003054.D
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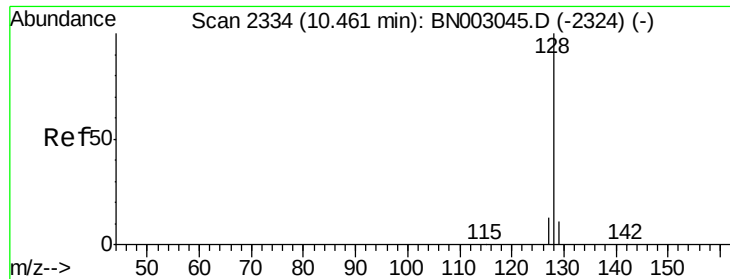
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
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QLast Update : Wed Oct 10 08:36:11 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.078 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

Instrument :

BNA_N

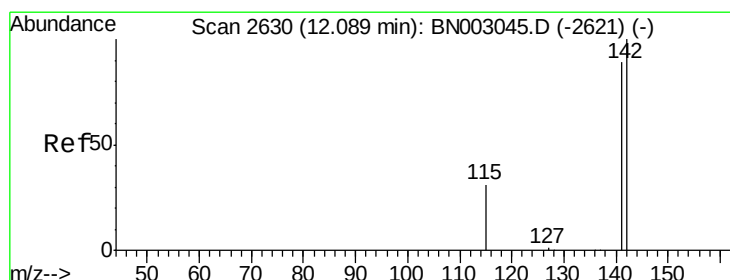
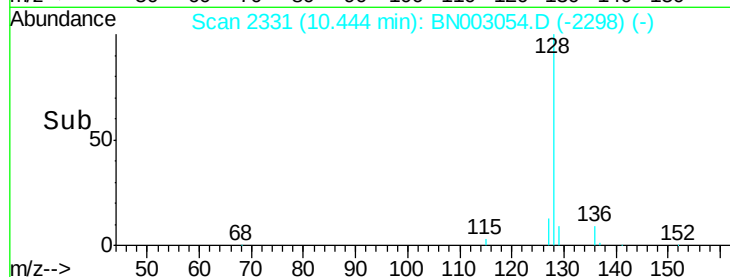
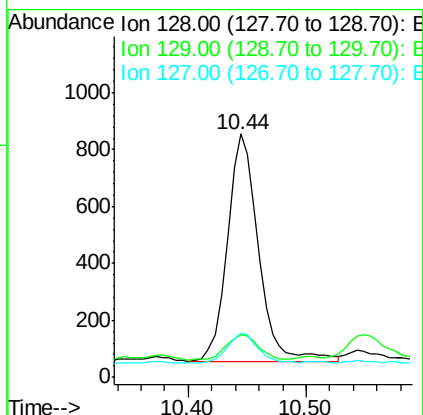
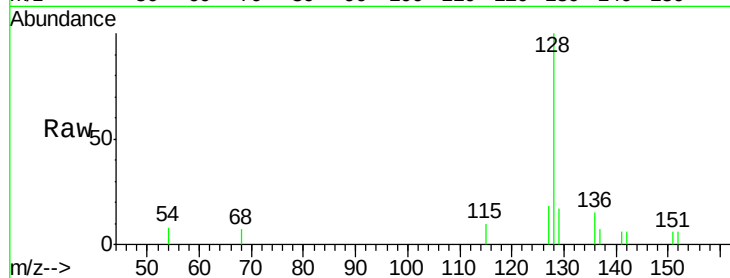
ClientSampled :

JLC14DL

Tgt Ion:	128	Resp:	1468
Ion Ratio		Lower	Upper
128	100		
129	17.4	10.4	15.6#
127	18.1	11.7	17.5#

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#5

2-Methylnaphthalene

Concen: 0.042 ng/ul

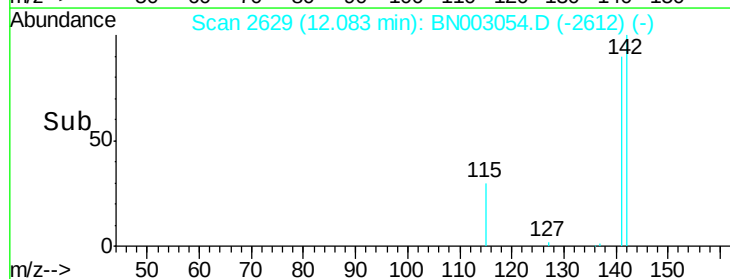
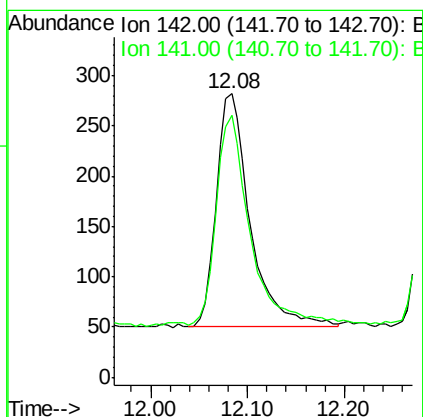
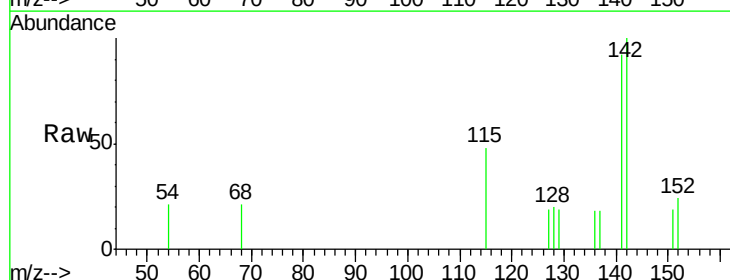
RT: 12.08 min Scan# 2629

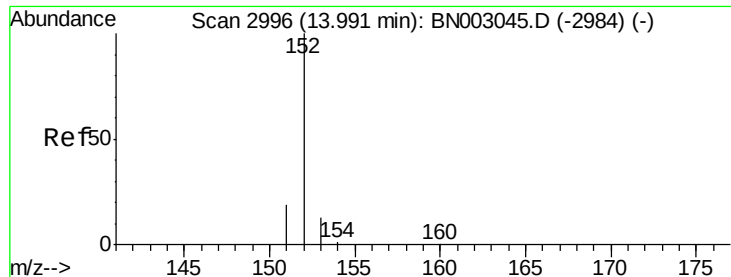
Delta R.T. -0.01 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

Tgt Ion:	142	Resp:	552
Ion Ratio		Lower	Upper
142	100		
141	93.3	73.4	110.0





#7

Acenaphthylene

Concen: 0.022 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

Instrument :

BNA_N

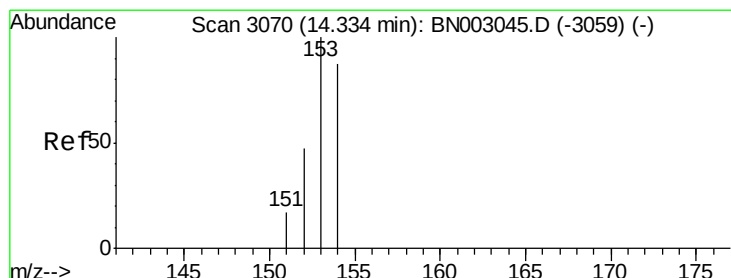
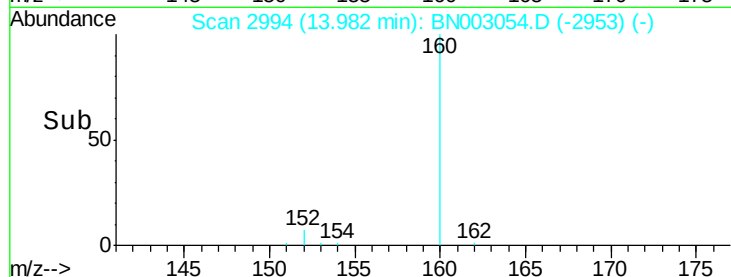
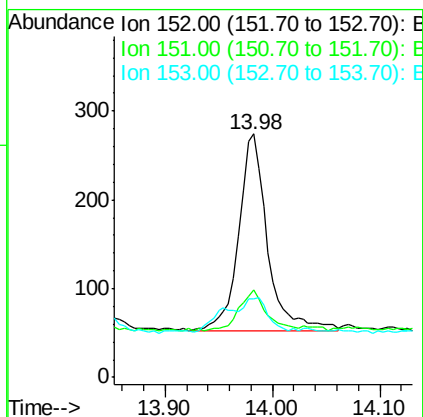
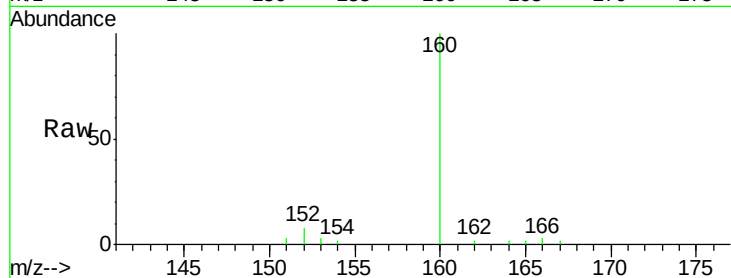
ClientSampleId :

JLC14DL

Tgt Ion	Ratio	Lower	Upper
152	100		
151	36.1	16.5	24.7#
153	32.1	11.4	17.2#

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#8

Acenaphthene

Concen: 0.092 ng/ul

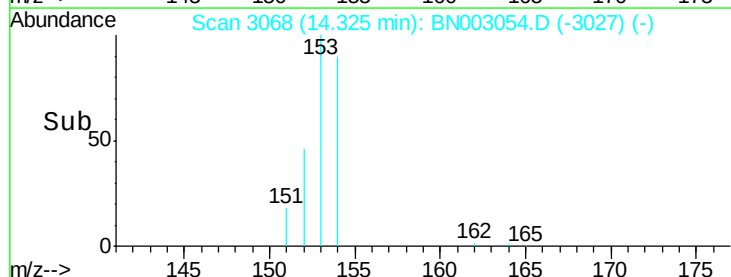
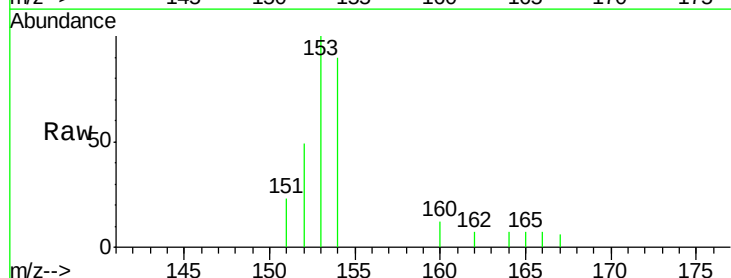
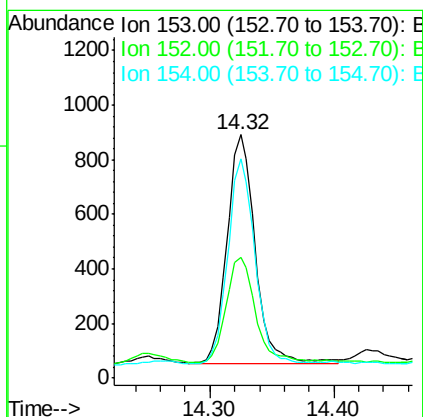
RT: 14.32 min Scan# 3068

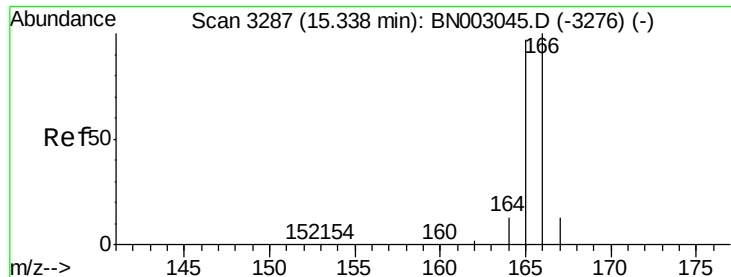
Delta R.T. -0.01 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.4	38.2	57.4
154	90.0	70.2	105.2





#9

Fluorene

Concen: 0.066 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

Instrument :

BNA_N

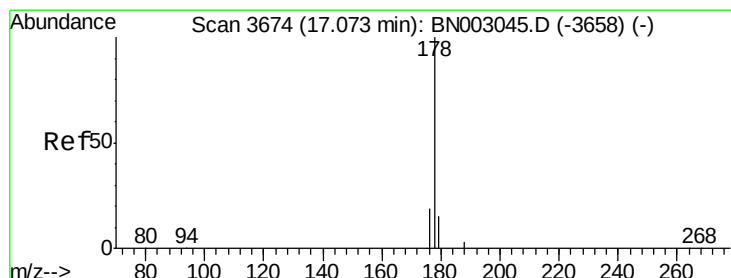
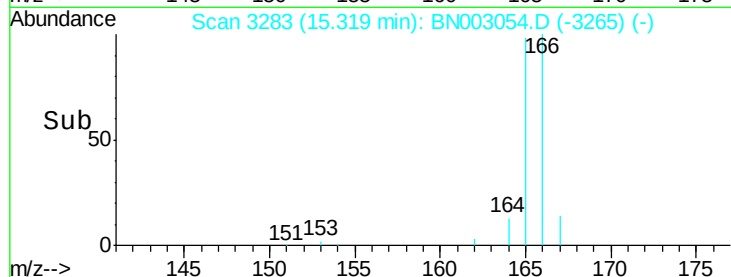
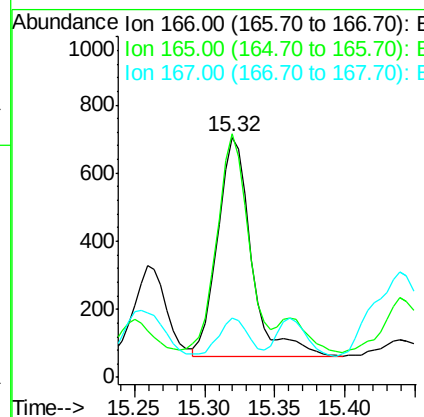
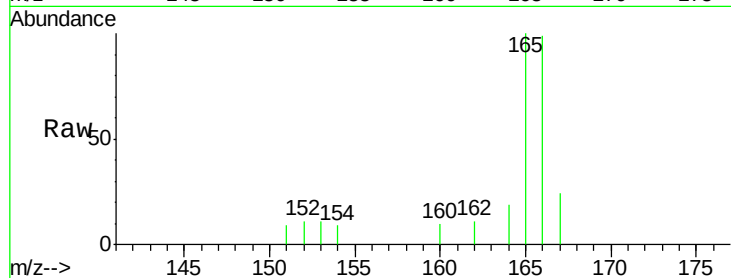
ClientSampled :

JLC14DL

Tgt Ion:	166	Resp:	1083
Ion Ratio	Lower	Upper	
166	100		
165	101.3	78.5	117.7
167	24.6	11.6	17.4#

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#12

Phenanthrene

Concen: 0.233 ng/ul

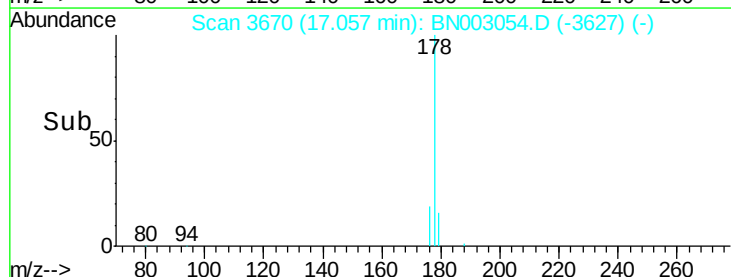
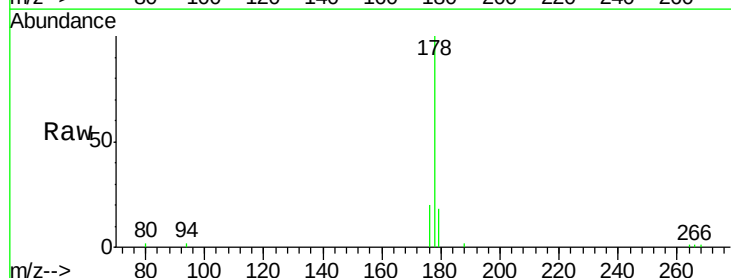
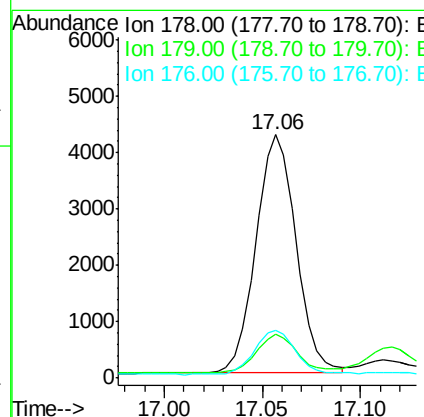
RT: 17.06 min Scan# 3670

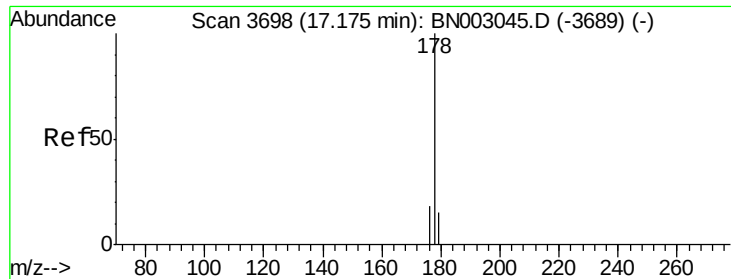
Delta R.T. -0.02 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

Tgt Ion:	178	Resp:	6063
Ion Ratio	Lower	Upper	
178	100		
179	17.8	12.9	19.3
176	19.7	15.4	23.2





#13

Anthracene

Concen: 0.030 ng/ul

RT: 17.15 min Scan# 3692

Delta R.T. -0.03 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

Instrument :

BNA_N

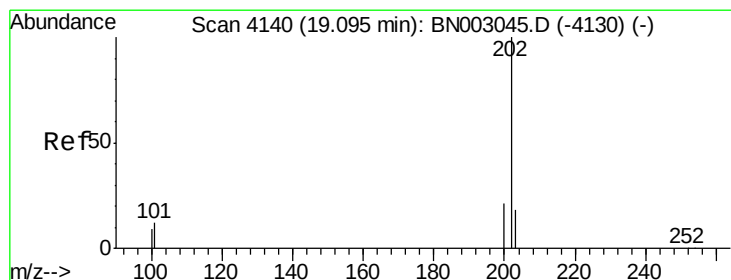
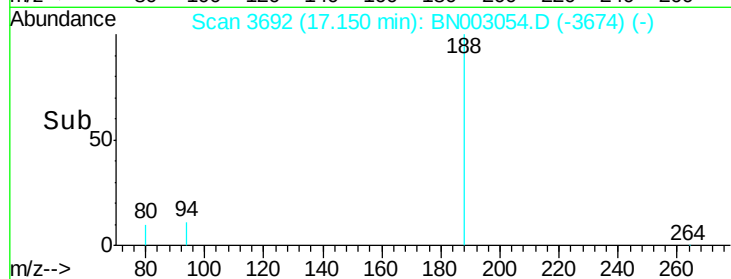
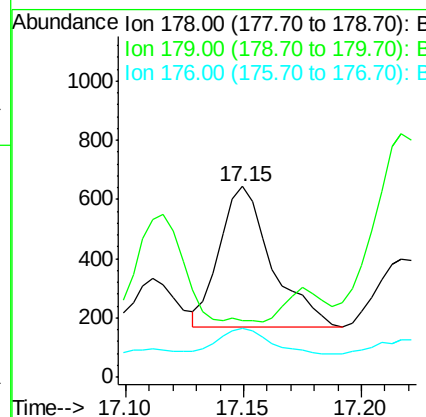
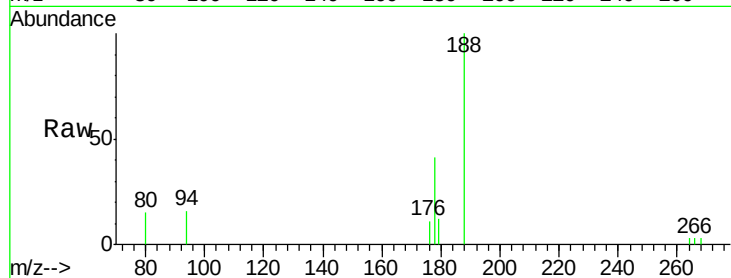
ClientSampled :

JLC14DL

Tgt Ion:	178	Resp:	730
Ion Ratio	Lower	Upper	
178	100		
179	30.0	13.0	19.6#
176	25.5	15.3	22.9#

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#15

Fluoranthene

Concen: 0.288 ng/ul

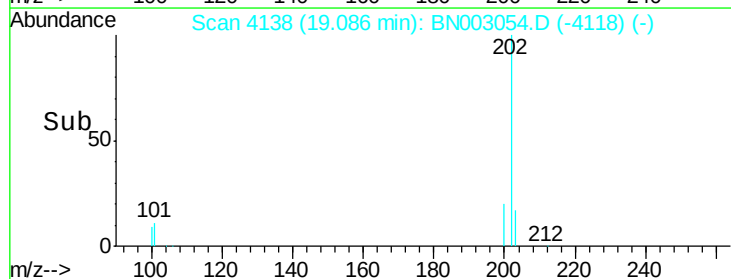
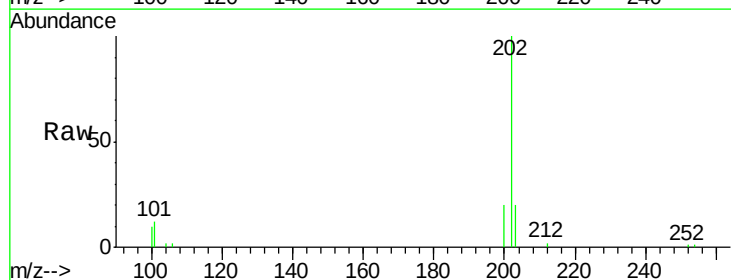
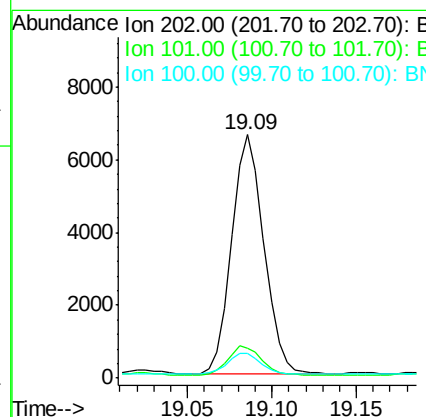
RT: 19.09 min Scan# 4138

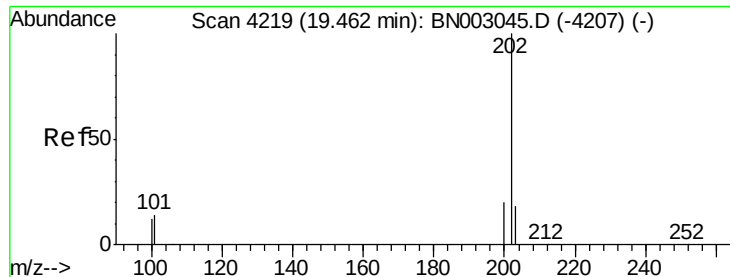
Delta R.T. -0.01 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

Tgt Ion:	202	Resp:	8806
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	32.3
100	10.1	0.0	29.1





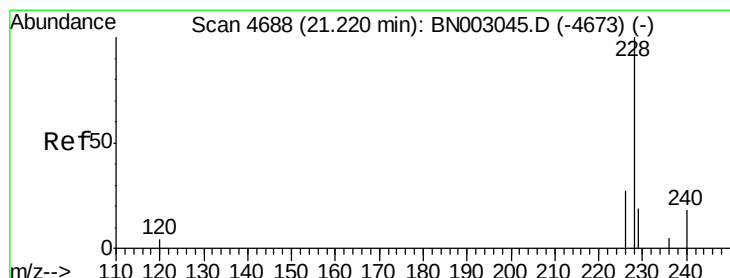
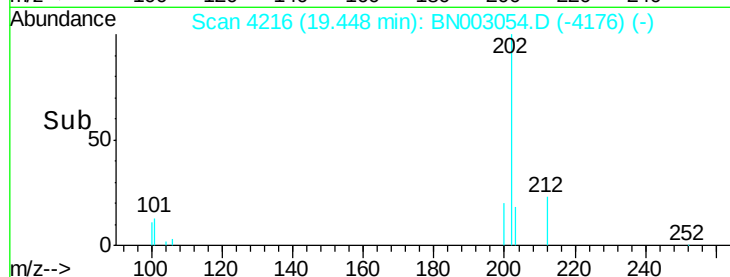
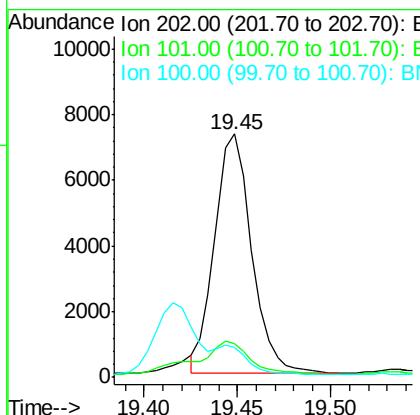
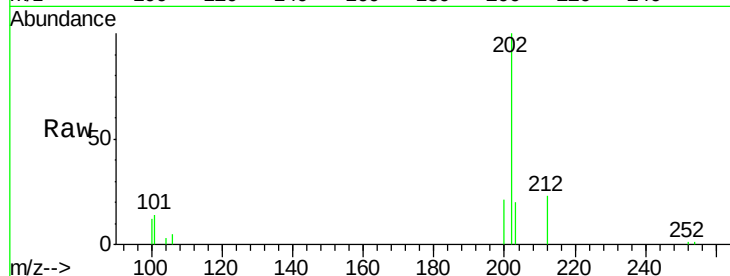
#17
Pyrene
 Concen: 0.371 ng/ul m
 RT: 19.45 min Scan# 4216
 Delta R.T. -0.01 min
 Lab File: BN003054.D
 Acq: 10 Oct 2018 07:15

Instrument :
 BNA_N
 ClientSampleId :
 JLC14DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		10123
101	14.1	11.9	17.9
100	12.2	9.9	14.9

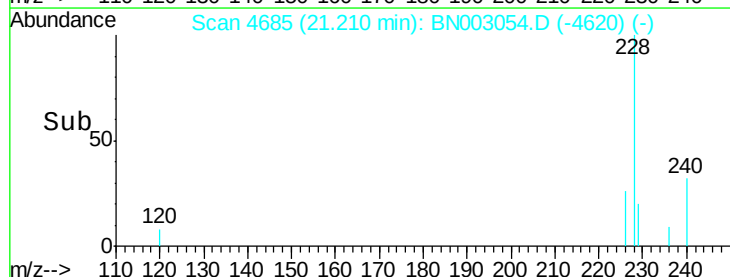
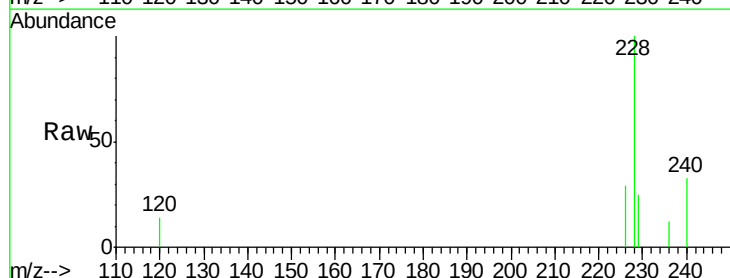
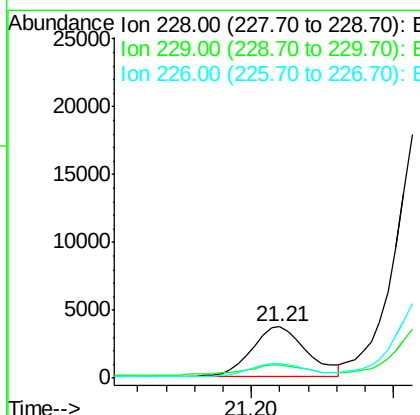
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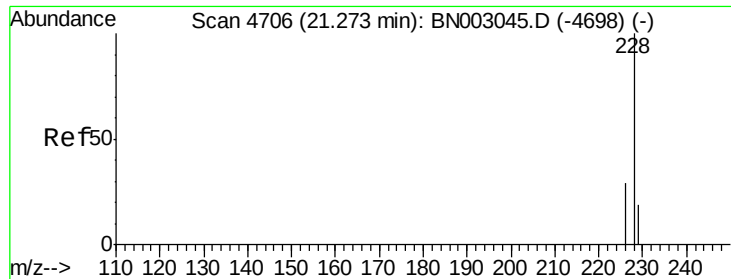
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#18
Benzo(a)anthracene
 Concen: 0.220 ng/ul m
 RT: 21.21 min Scan# 4685
 Delta R.T. -0.01 min
 Lab File: BN003054.D
 Acq: 10 Oct 2018 07:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		4967
229	25.3	16.2	24.2#
226	29.1	22.3	33.5





#19

Chrysene

Concen: 1.175 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

Instrument :

BNA_N

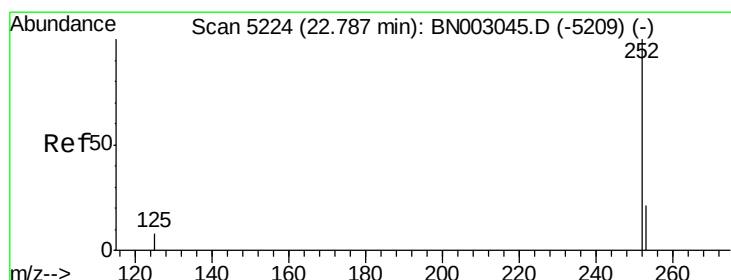
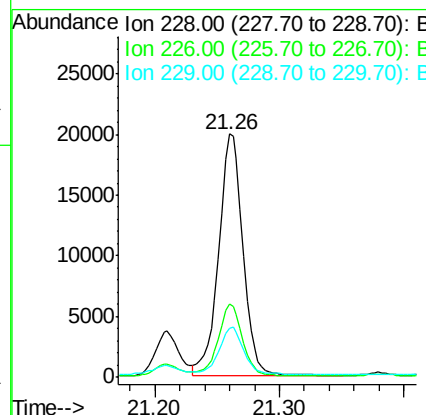
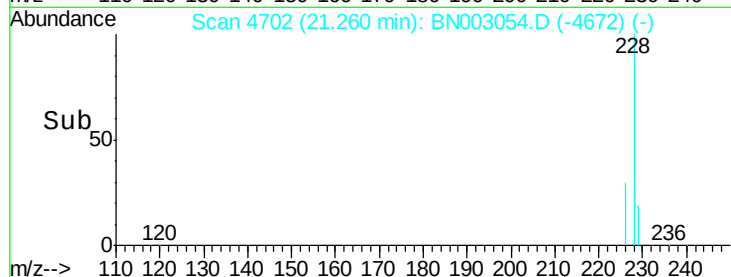
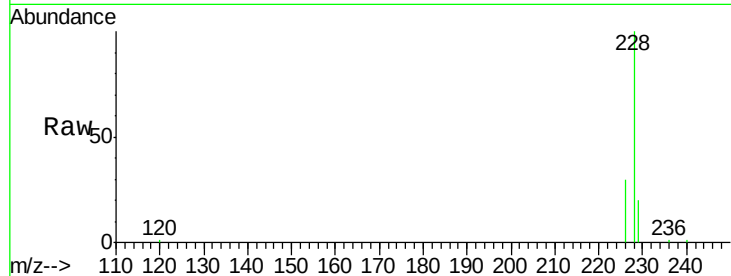
ClientSampleId :

JLC14DL

Tgt Ion:	228	Resp:	26989
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.2	36.4
229	20.2	16.7	25.1

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#21

Benzo(b)fluoranthene

Concen: 0.458 ng/ul m

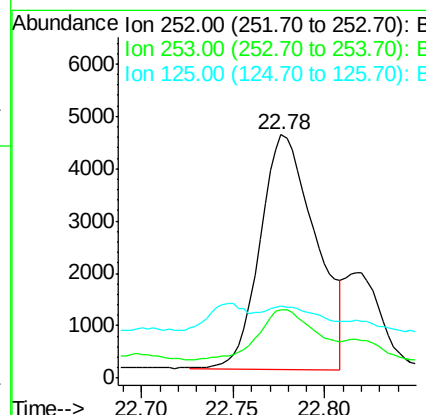
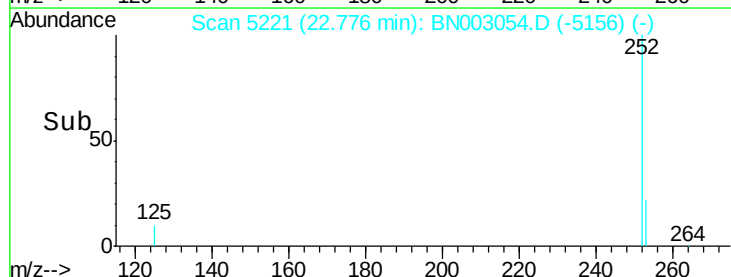
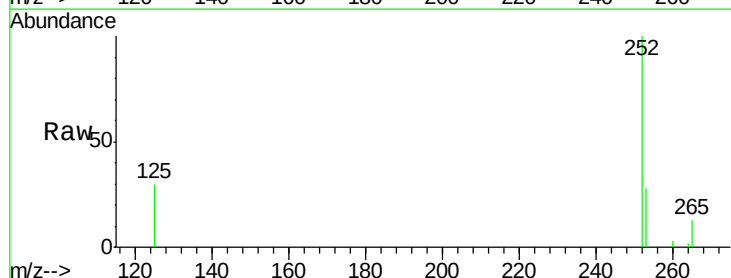
RT: 22.78 min Scan# 5221

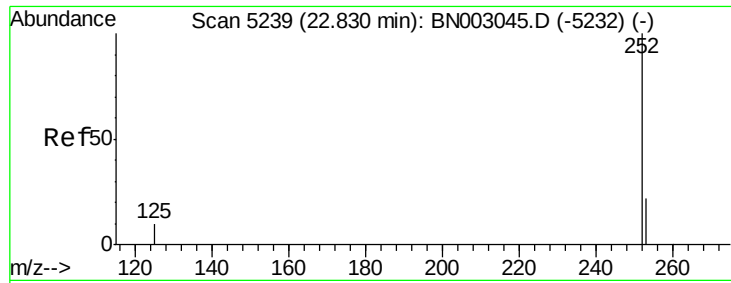
Delta R.T. -0.01 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

Tgt Ion:	252	Resp:	9520
Ion Ratio	Lower	Upper	
252	100		
253	28.1	0.0	53.2
125	29.7	0.0	34.2





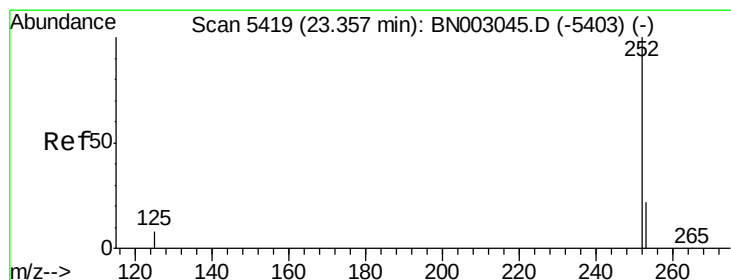
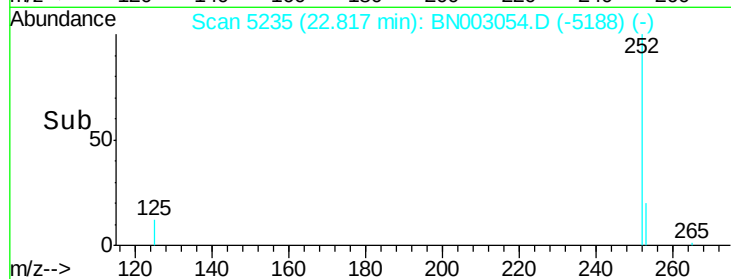
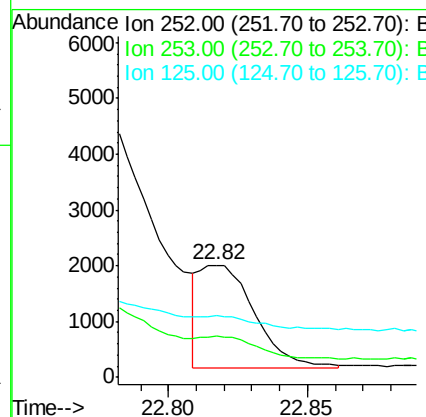
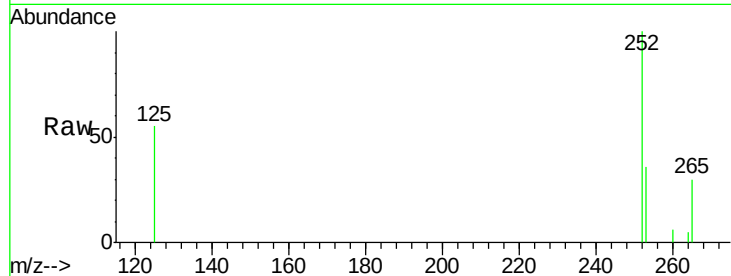
#22
Benzo(k)fluoranthene
Concen: 0.120 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN003054.D
Acq: 10 Oct 2018 07:15

Instrument :
BNA_N
ClientSampled :
JLC14DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.5	21.3	31.9#
125	55.0	14.1	21.1#

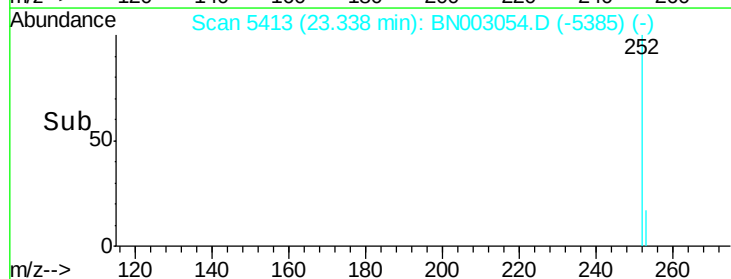
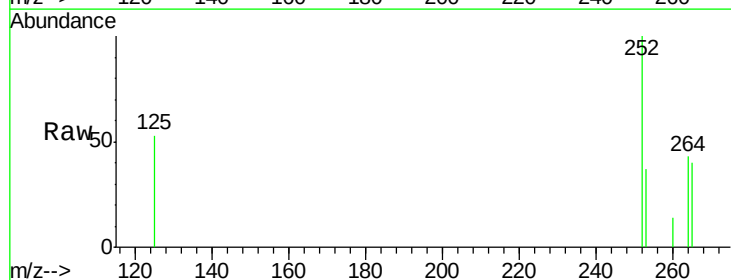
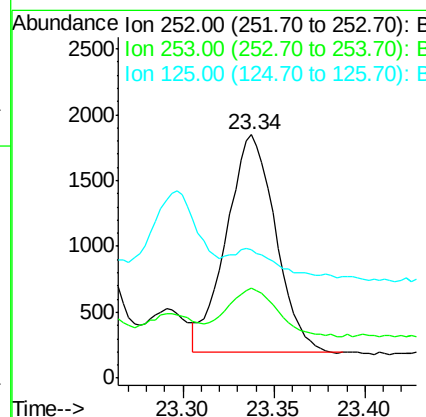
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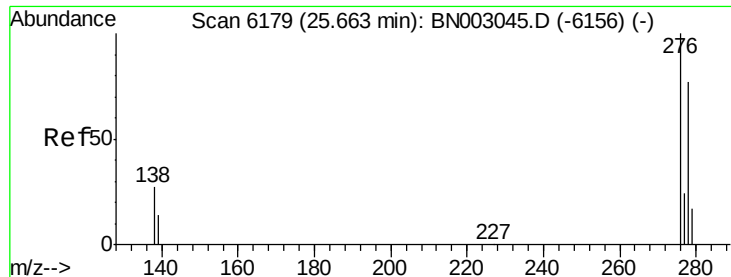
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#23
Benzo(a)pyrene
Concen: 0.167 ng/ul
RT: 23.34 min Scan# 5413
Delta R.T. -0.02 min
Lab File: BN003054.D
Acq: 10 Oct 2018 07:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.0	23.1	34.7#
125	52.9	16.9	25.3#





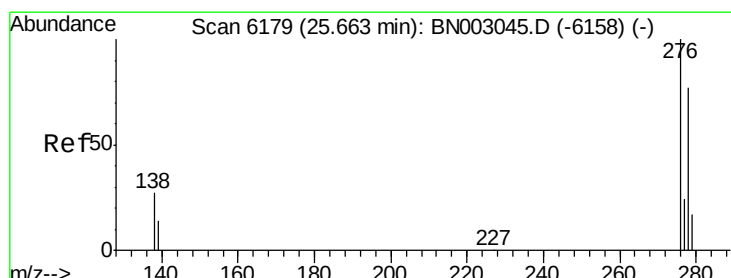
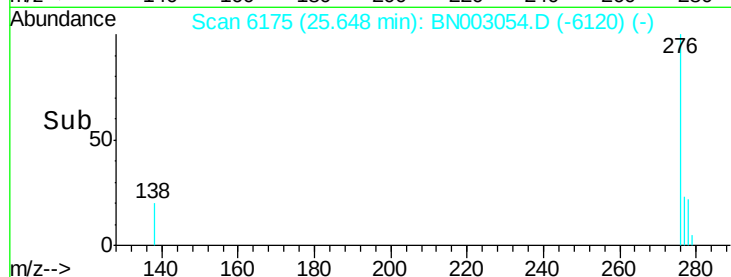
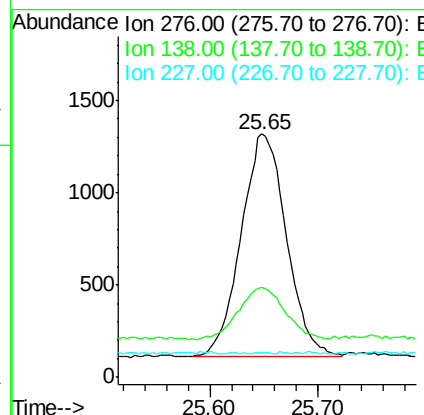
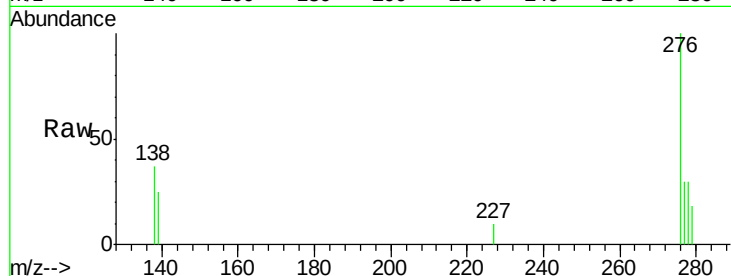
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.164 ng/ul
 RT: 25.65 min Scan# 6175
 Delta R.T. -0.02 min
 Lab File: BN003054.D
 Acq: 10 Oct 2018 07:15

Instrument :
 BNA_N
 ClientSampleId :
 JLC14DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	21.5	32.3
227	0.2	0.3	0.5

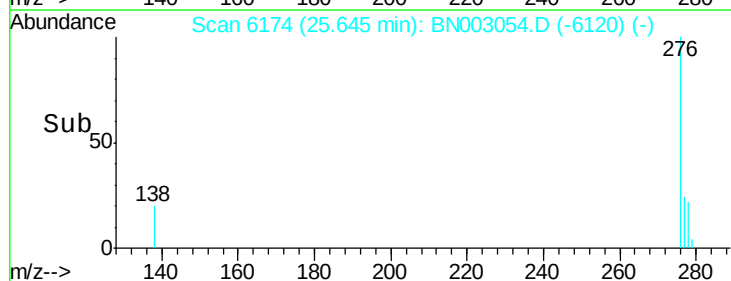
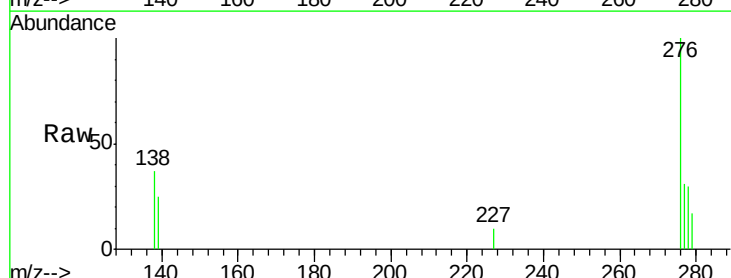
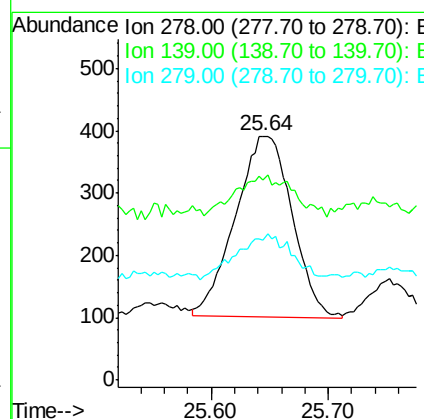
Manual Integrations
 APPROVED

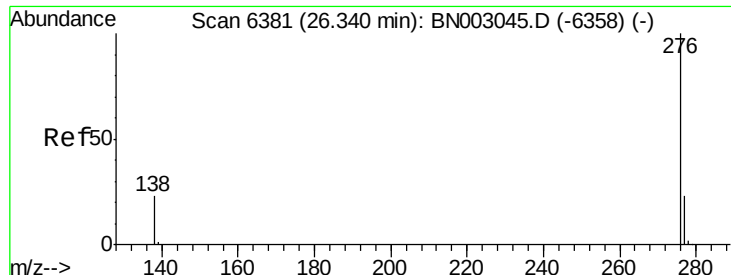
Sohil
 10/10/2018 4:58:26 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.057 ng/ul
 RT: 25.64 min Scan# 6174
 Delta R.T. -0.02 min
 Lab File: BN003054.D
 Acq: 10 Oct 2018 07:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	82.4	20.2	30.4
279	57.3	23.8	35.8





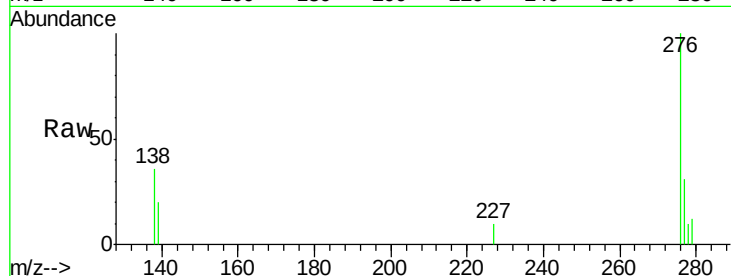
#26
Benzo(g,h,i)perylene
Concen: 0.210 ng/ul
RT: 26.33 min Scan# 6377
Delta R.T. -0.02 min
Lab File: BN003054.D
Acq: 10 Oct 2018 07:15

Instrument :
BNA_N
ClientSampleId :
JLC14DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.3	23.0	34.4#
277	30.8	22.0	33.0

Manual Integrations
APPROVED

Sohil
10/10/2018 4:58:26 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

