

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008102.D
 Acq On : 12 Oct 2019 08:11
 Operator : JU
 Sample : K5124-16
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM92

Manual Integrations
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mohammad
 10/15/2019 7:58:13 AM

Quant Time: Oct 13 02:12:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3515	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	15577	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	11417	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	24689m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	25689m	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	17391m	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	6078	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	18273m	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	129834	2.928	ng/ul	97
5) 2-Methylnaphthalene	12.06	142	78547	2.582	ng/ul	99
7) Acenaphthylene	13.98	152	6491	0.119	ng/ul#	80
8) Acenaphthene	14.32	153	11432	0.270	ng/ul	99
9) Fluorene	15.31	166	12276	0.256	ng/ul#	68
12) Phenanthrene	17.05	178	89112	1.233	ng/ul	96
13) Anthracene	17.14	178	22112m	0.348	ng/ul	
15) Fluoranthene	19.07	202	118591m	1.242	ng/ul	
17) Pyrene	19.44	202	301610	2.949	ng/ul	99
18) Benzo(a)anthracene	21.20	228	63606m	0.681	ng/ul	
19) Chrysene	21.25	228	102039m	0.890	ng/ul	
21) Benzo(b)fluoranthene	22.77	252	111192m	1.964	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	21255m	0.331	ng/ul	
23) Benzo(a)pyrene	23.33	252	51503	0.865	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.61	276	34800	0.496	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.61	278	17805	0.321	ng/ul#	1
26) Benzo(a,h,i)perylene	26.29	276	102360	1.591	ng/ul#	81

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

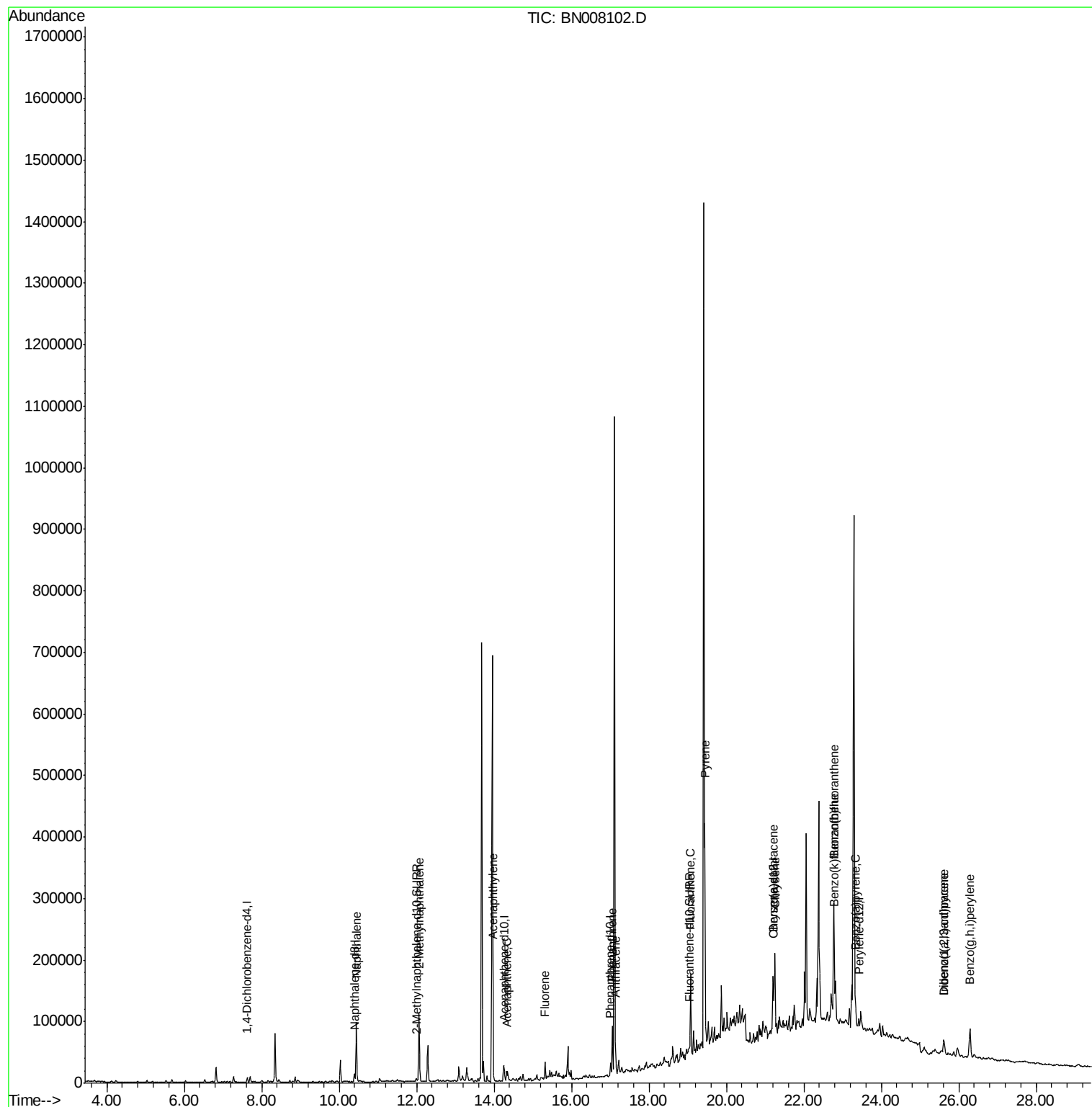
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
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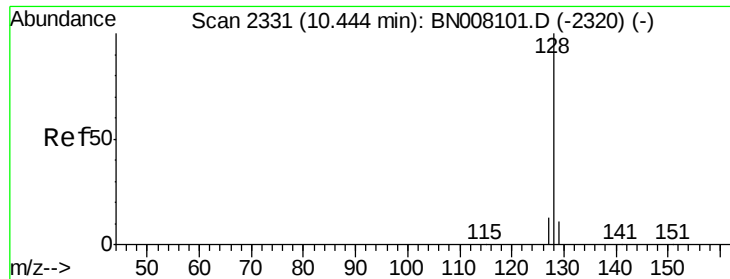
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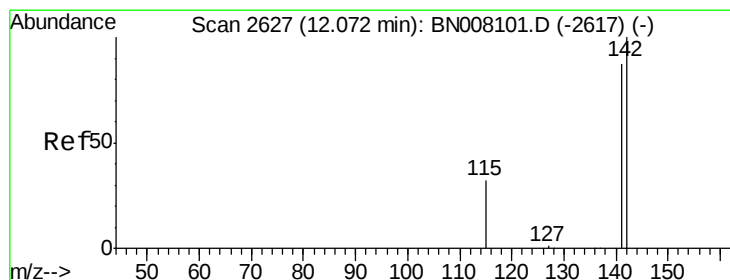
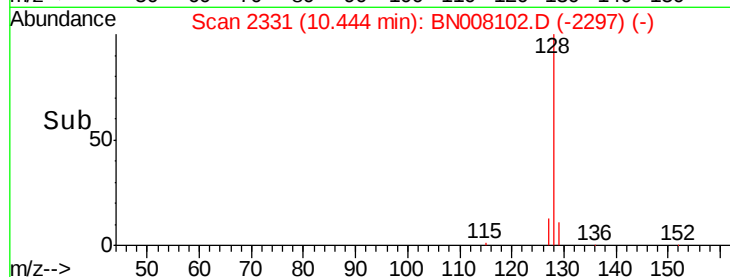
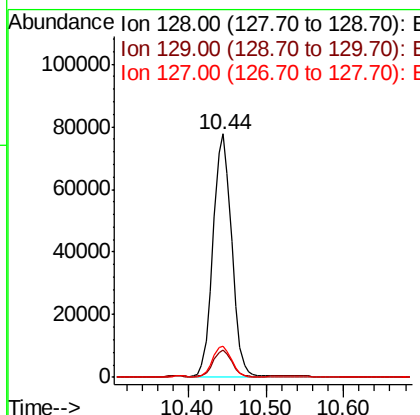
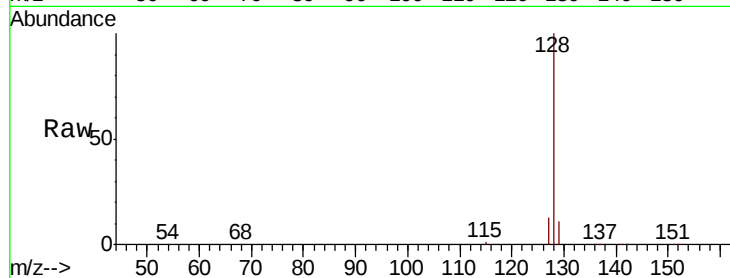
#3
Naphthalene
Concen: 2.928 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BN008102.D
Acq: 12 Oct 2019 08:11

Instrument :
BNA_N
ClientSampleId :
JLM92

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.8
127	13.0	11.1	16.7

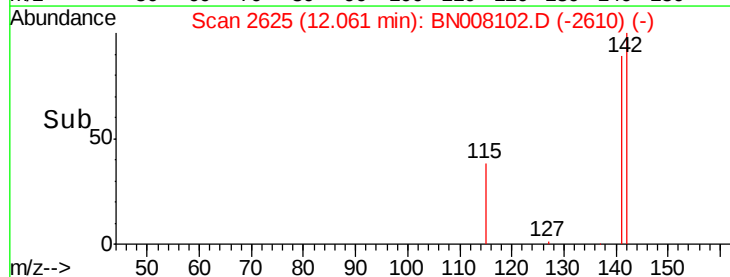
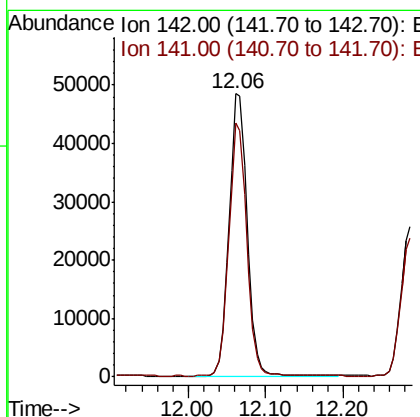
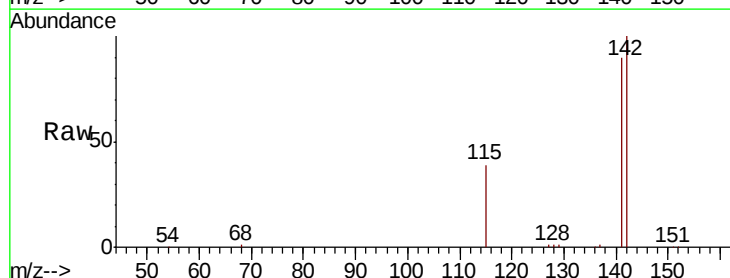
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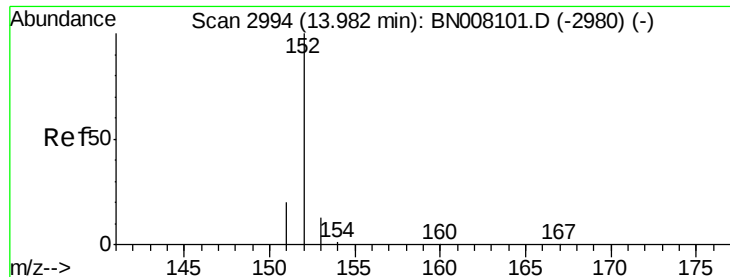
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#5
2-Methylnaphthalene
Concen: 2.582 ng/ul
RT: 12.06 min Scan# 2625
Delta R.T. -0.02 min
Lab File: BN008102.D
Acq: 12 Oct 2019 08:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2





#7

Acenaphthylene

Concen: 0.119 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008102.D

Acq: 12 Oct 2019 08:11

Instrument :

BNA_N

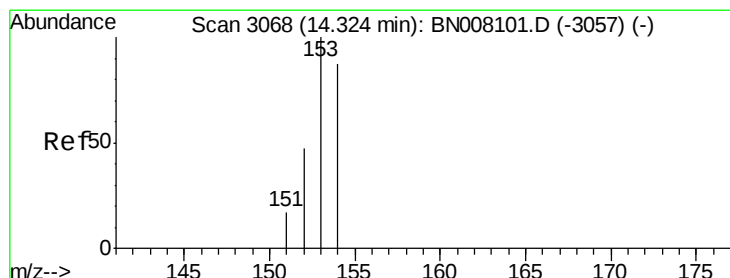
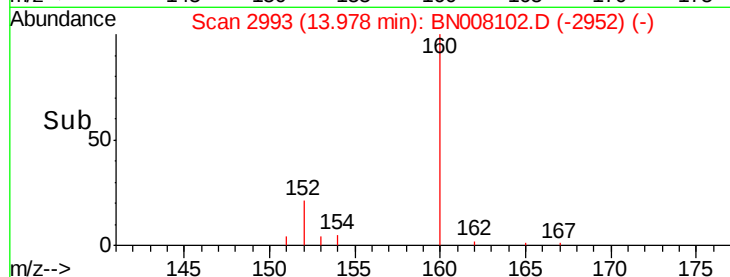
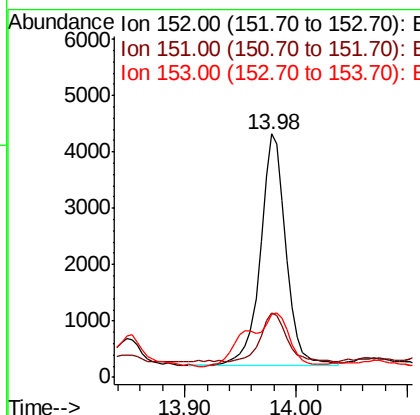
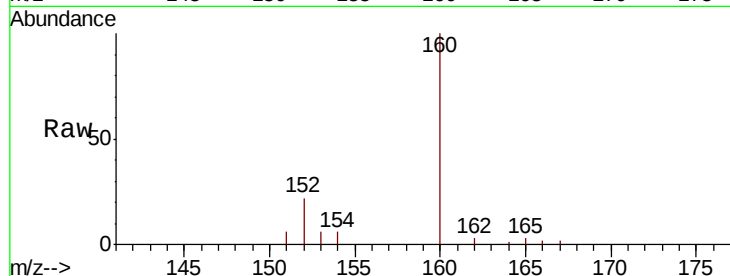
ClientSampleId :

JLM92

Tot Ion:	152	Resp:	6491
Ion Ratio	Lower	Upper	
152	100		
151	26.6	16.2	24.4#
153	25.8	11.0	16.4#

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#8

Acenaphthene

Concen: 0.270 ng/ul

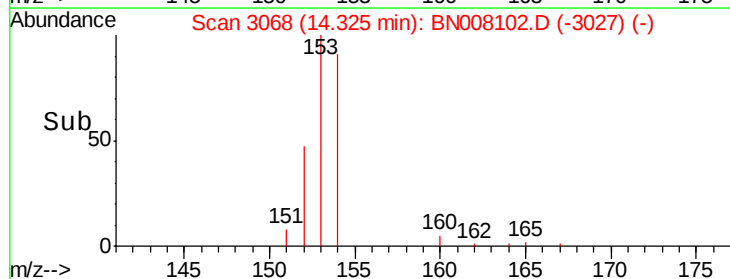
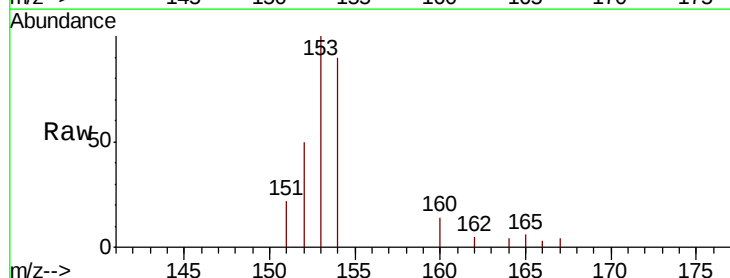
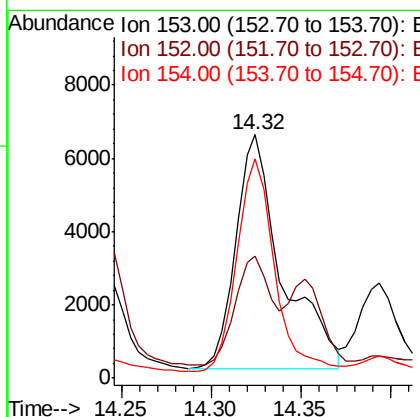
RT: 14.32 min Scan# 3068

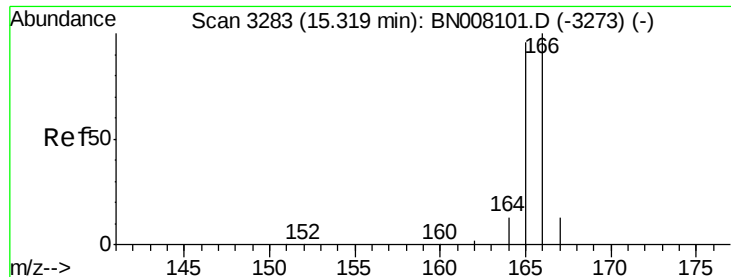
Delta R.T. -0.01 min

Lab File: BN008102.D

Acq: 12 Oct 2019 08:11

Tgt Ion:	153	Resp:	11432
Ion Ratio	Lower	Upper	
153	100		
152	49.9	38.2	57.2
154	89.9	71.8	107.8





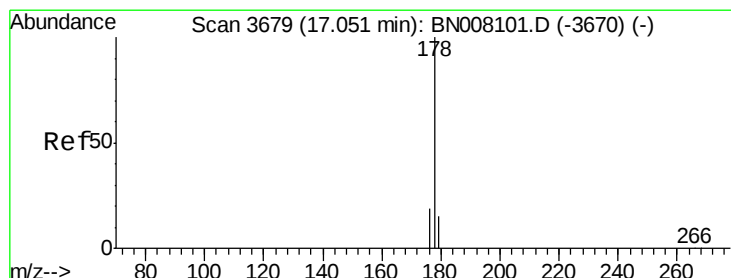
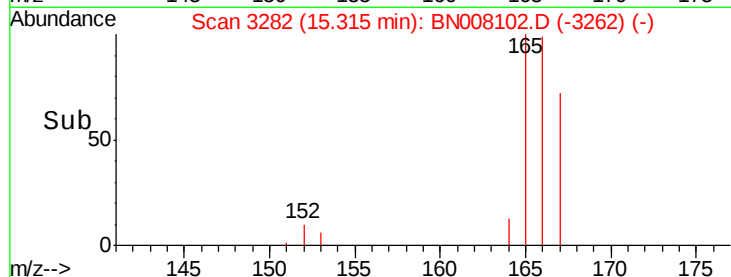
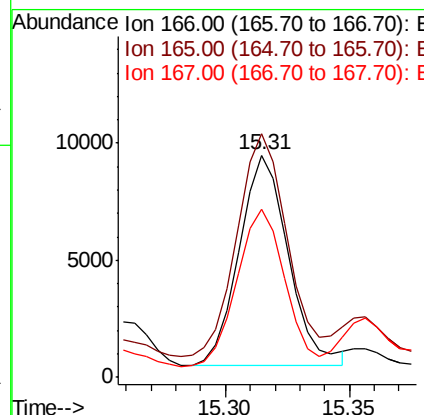
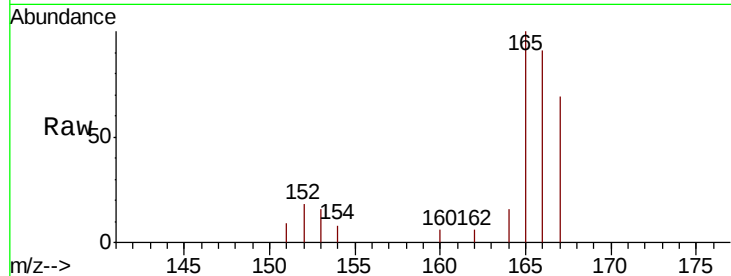
#9
Fluorene
 Concen: 0.256 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. -0.01 min
 Lab File: BN008102.D
 Acq: 12 Oct 2019 08:11

Instrument :
 BNA_N
 ClientSampleId :
 JLM92

Tot Ion	Ratio	Lower	Upper
166	100		
165	109.7	76.6	115.0
167	75.8	11.7	17.5

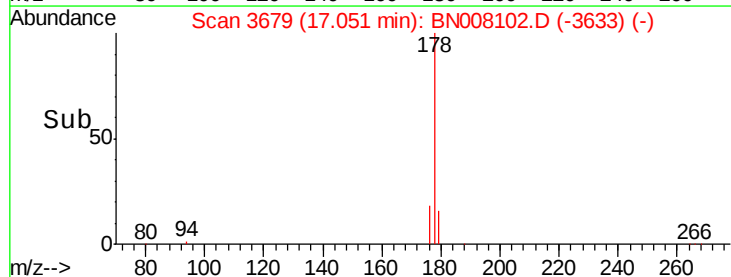
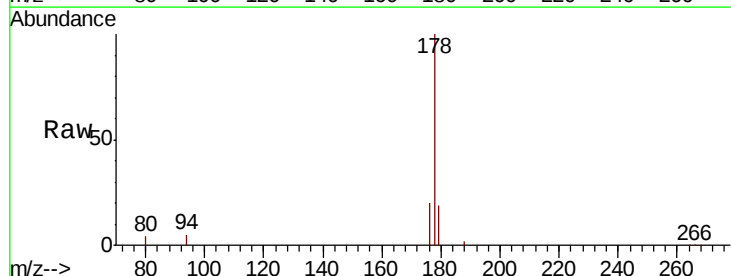
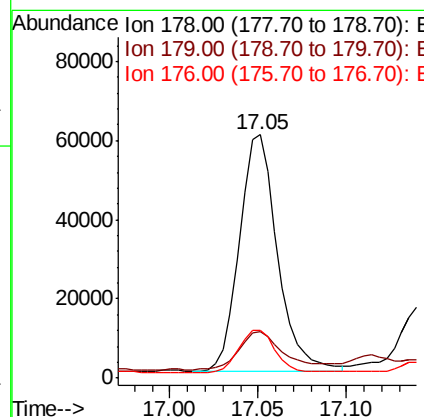
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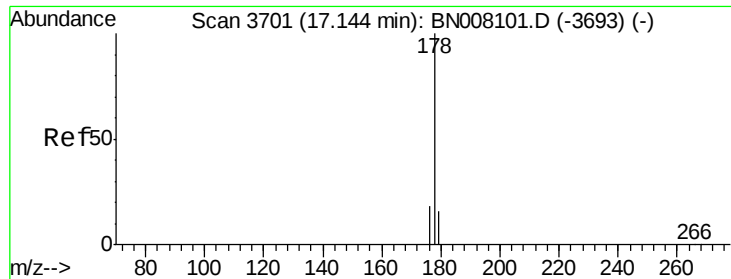
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#12
Phenanthrene
 Concen: 1.233 ng/ul
 RT: 17.05 min Scan# 3679
 Delta R.T. -0.00 min
 Lab File: BN008102.D
 Acq: 12 Oct 2019 08:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.8	19.2
176	19.8	15.4	23.2





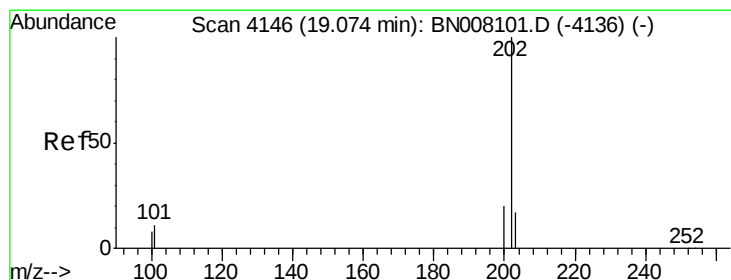
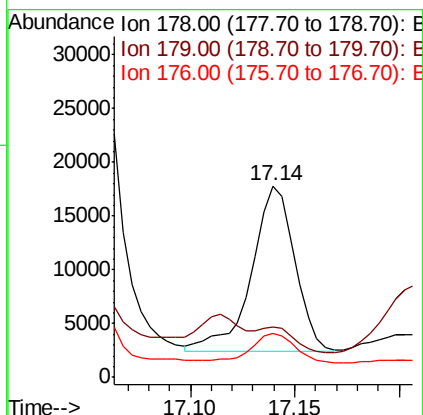
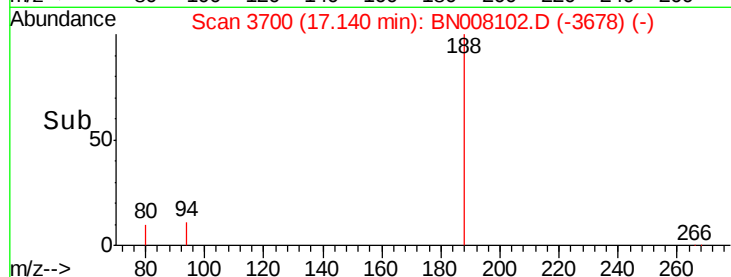
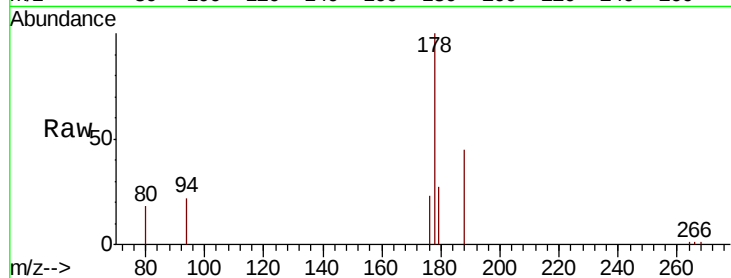
#13
 Anthracene
 Concen: 0.348 ng/ul m
 RT: 17.14 min Scan# 3700
 Delta R.T. -0.01 min
 Lab File: BN008102.D
 Acq: 12 Oct 2019 08:11

Instrument :
 BNA_N
 ClientSampleId :
 JLM92

Tot Ion	Ratio	Lower	Upper
178	100		
179	26.6	13.0	19.6#
176	23.2	15.0	22.6#

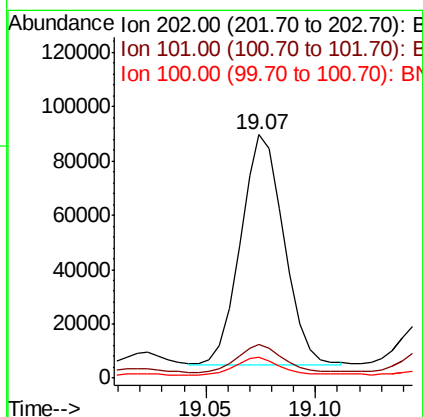
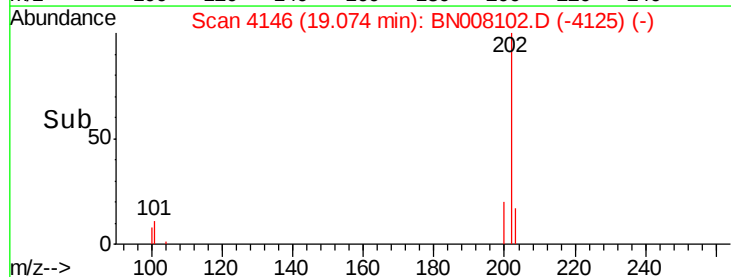
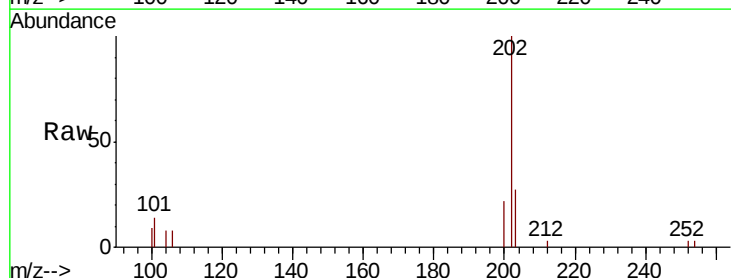
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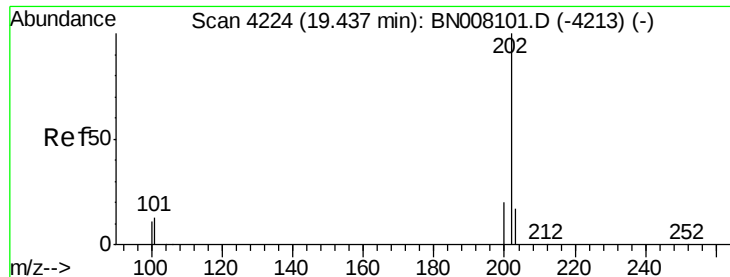
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#15
 Fluoranthene
 Concen: 1.242 ng/ul m
 RT: 19.07 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: BN008102.D
 Acq: 12 Oct 2019 08:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	31.2
100	8.6	0.0	28.5





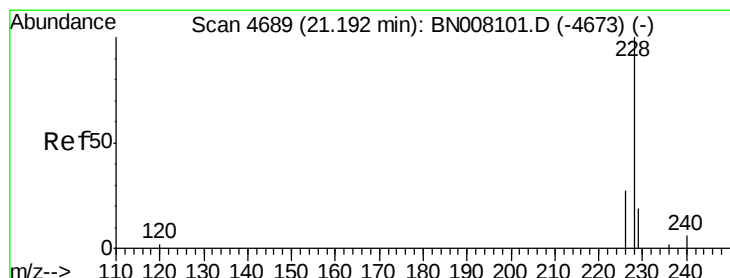
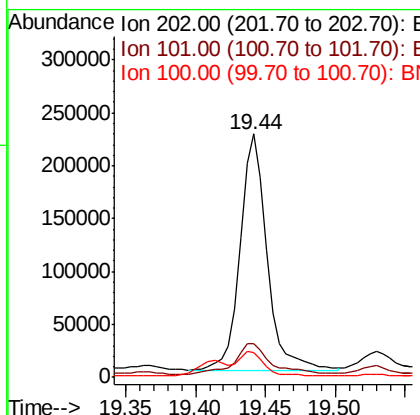
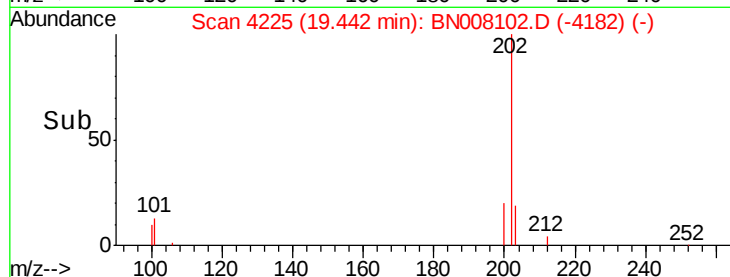
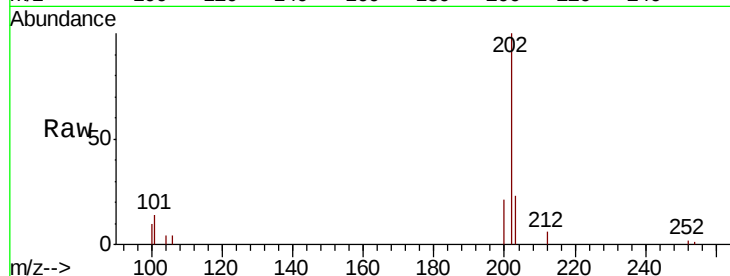
#17
Pvrene
Concen: 2.949 ng/ul
RT: 19.44 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN008102.D
Acq: 12 Oct 2019 08:11

Instrument :
BNA_N
ClientSampleId :
JLM92

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	10.9	16.3
100	10.1	8.7	13.1

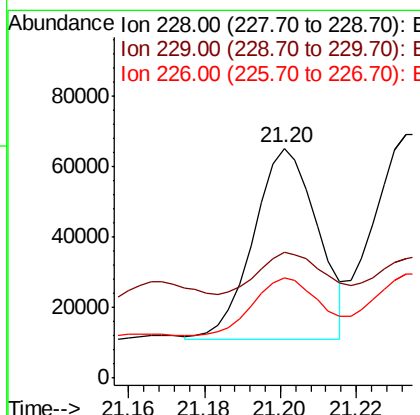
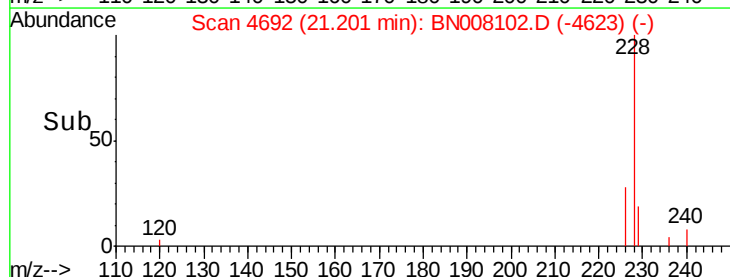
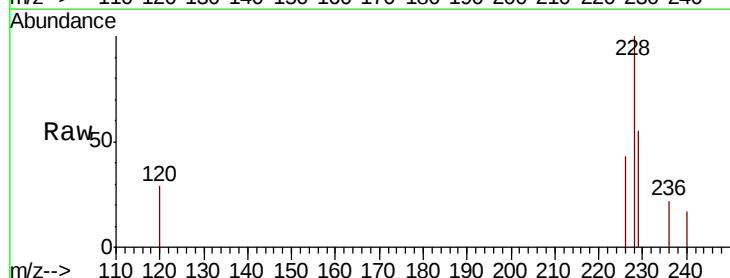
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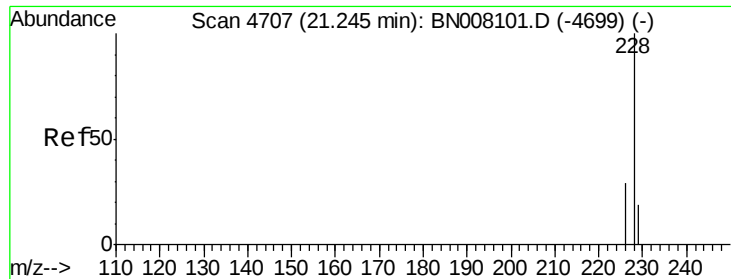
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#18
Benzo(a)anthracene
Concen: 0.681 ng/ul m
RT: 21.20 min Scan# 4692
Delta R.T. 0.00 min
Lab File: BN008102.D
Acq: 12 Oct 2019 08:11

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	54.9	16.2	24.2#
226	43.4	21.4	32.0#





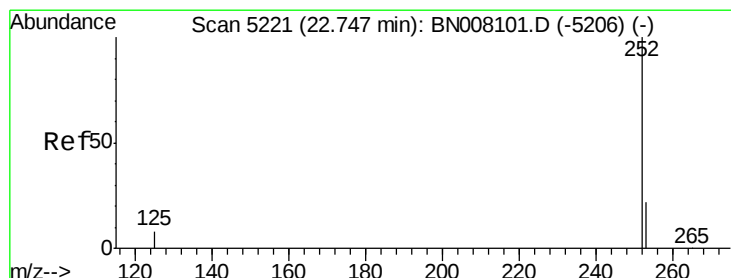
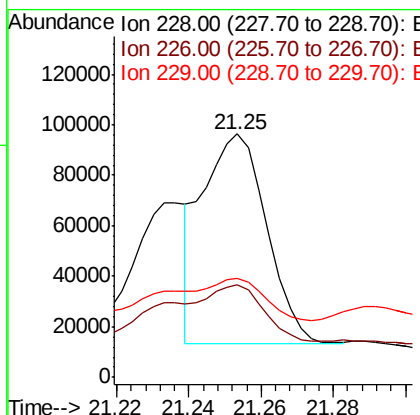
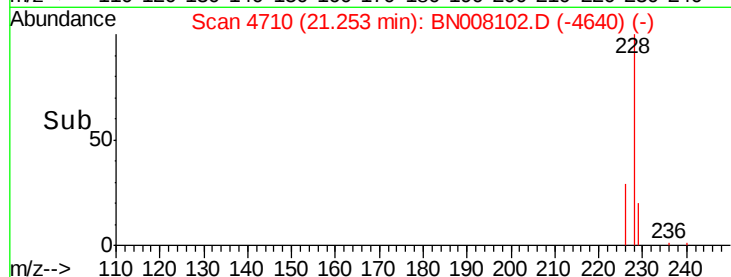
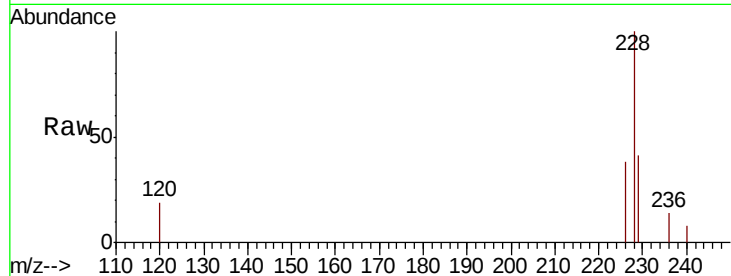
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Chrysene
Concen: 0.890 ng/ul m
RT: 21.25 min Scan# 4710
Delta R.T. 0.00 min
Lab File: BN008102.D
Acq: 12 Oct 2019 08:11

Instrument :
BNA_N
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JLM92

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.1	24.1	36.1#
229	40.6	16.2	24.2#

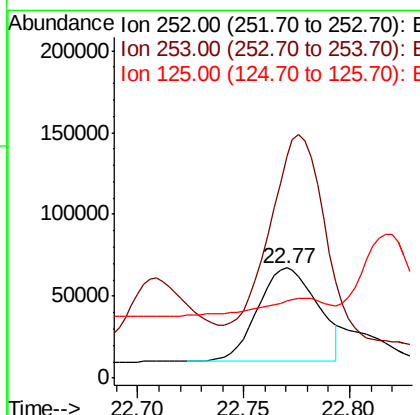
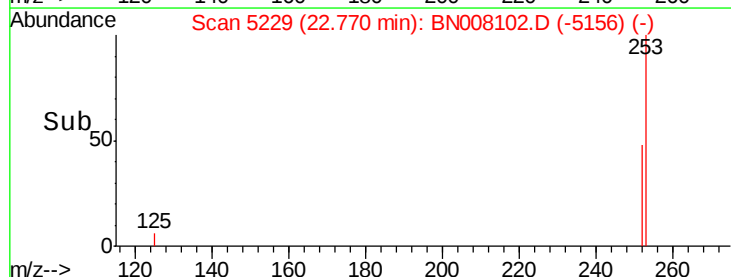
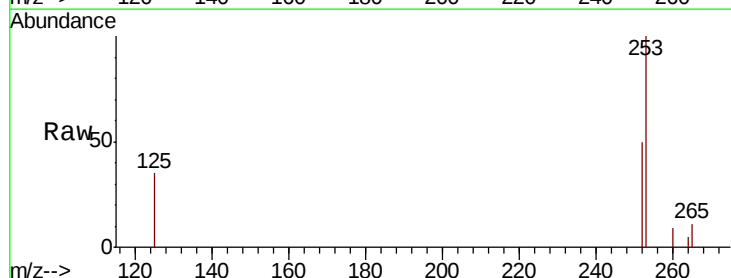
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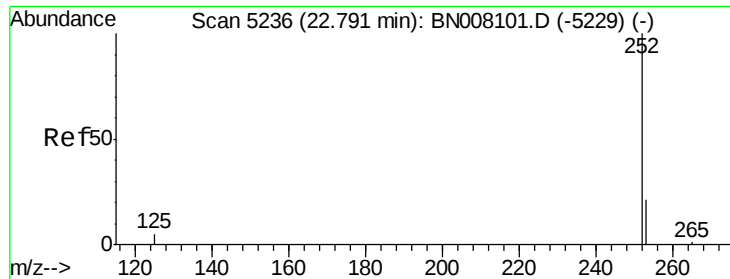
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#21
Benzo(b)fluoranthene
Concen: 1.964 ng/ul m
RT: 22.77 min Scan# 5229
Delta R.T. 0.01 min
Lab File: BN008102.D
Acq: 12 Oct 2019 08:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	201.1	0.0	53.4#
125	70.1	0.0	32.4#





#22

Benzo(k)fluoranthene

Concen: 0.331 ng/ul m

RT: 22.80 min Scan# 5238

Delta R.T. 0.00 min

Lab File: BN008102.D

Acq: 12 Oct 2019 08:11

Instrument :

BNA_N

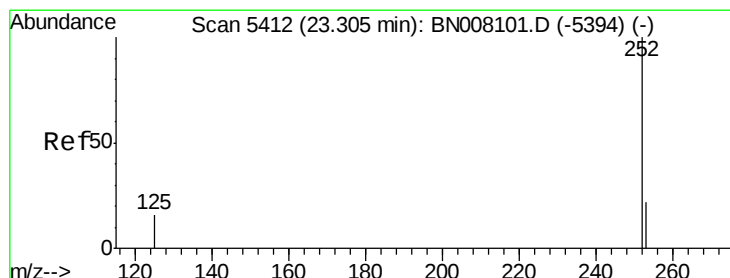
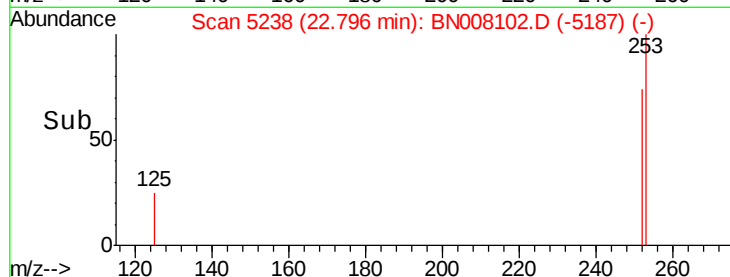
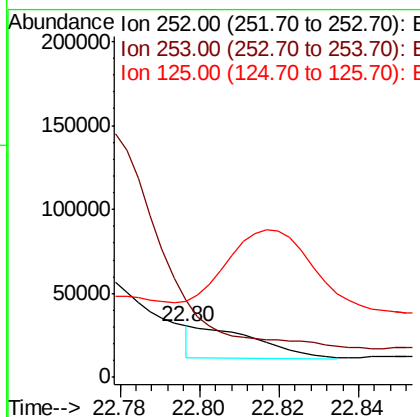
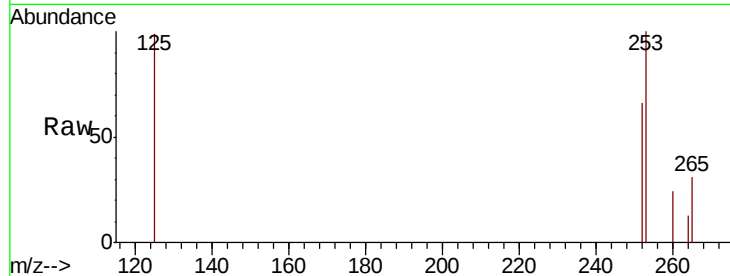
ClientSampleId :

JLM92

Tot Ion	Ratio	Lower	Upper
252	100		
253	150.7	21.3	31.9#
125	149.6	12.3	18.5#

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#23

Benzo(a)pyrene

Concen: 0.865 ng/ul

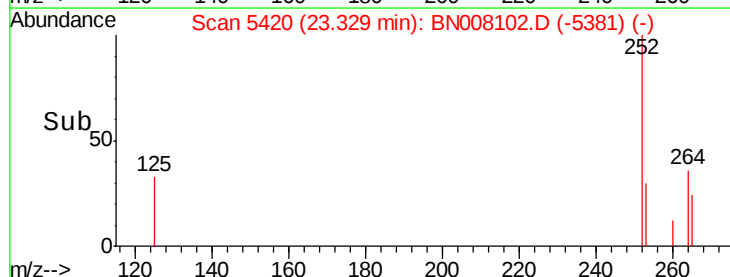
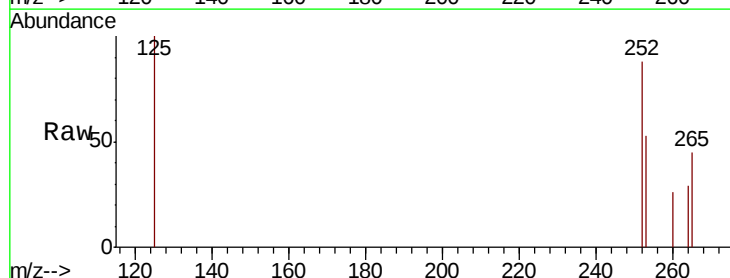
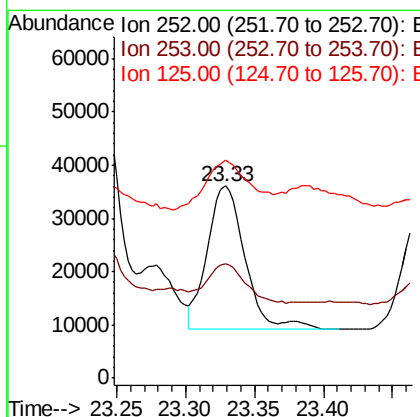
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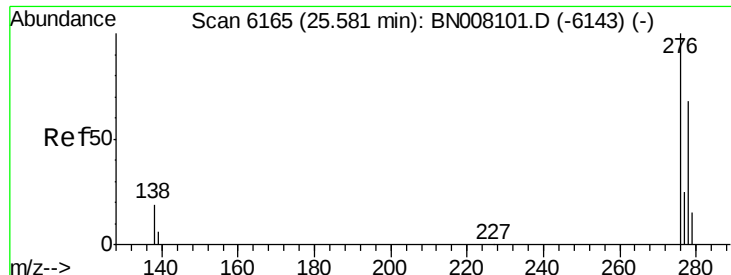
Delta R.T. 0.01 min

Lab File: BN008102.D

Acq: 12 Oct 2019 08:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	59.4	22.8	34.2#
125	113.0	18.4	27.6#





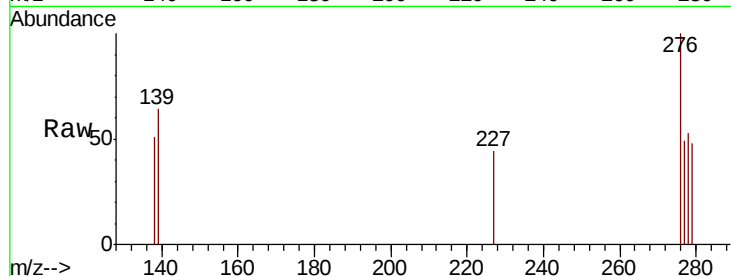
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.496 ng/uL
RT: 25.61 min Scan# 6175
Delta R.T. 0.02 min
Lab File: BN008102.D
Acq: 12 Oct 2019 08:11

Instrument :
BNA_N
ClientSampled :
JLM92

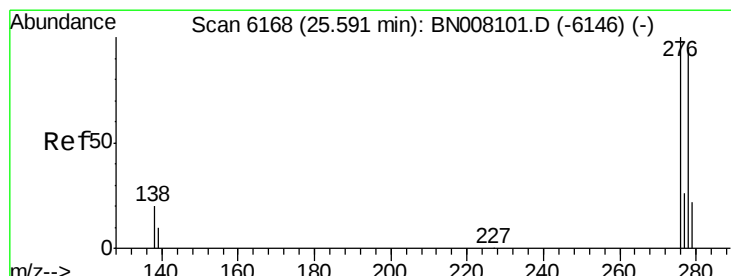
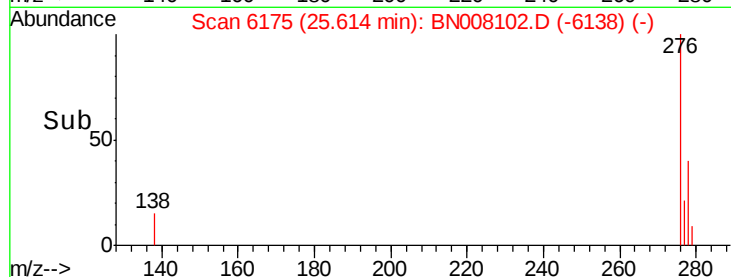
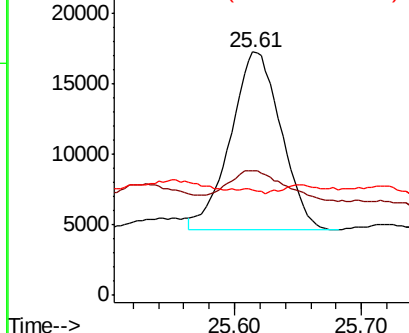
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.1	24.1
227	0.7	0.2	0.2

Manual Integrations
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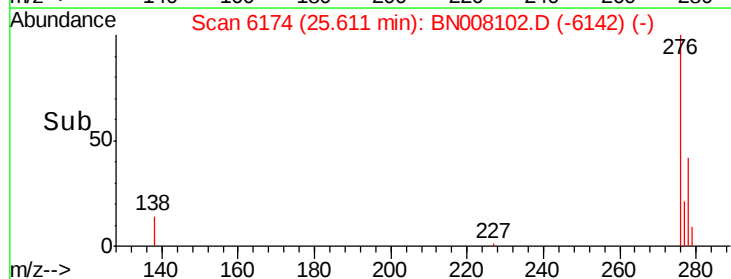
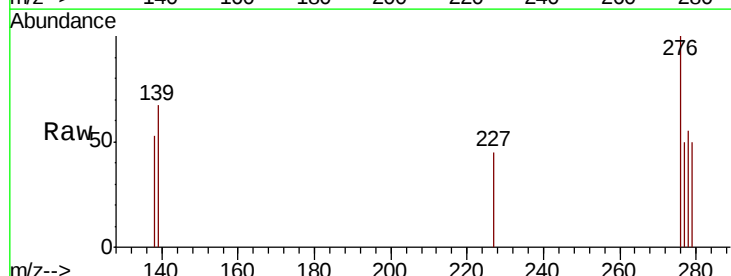
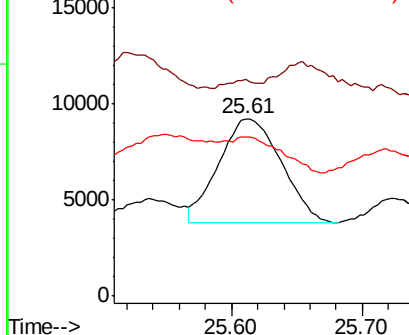
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

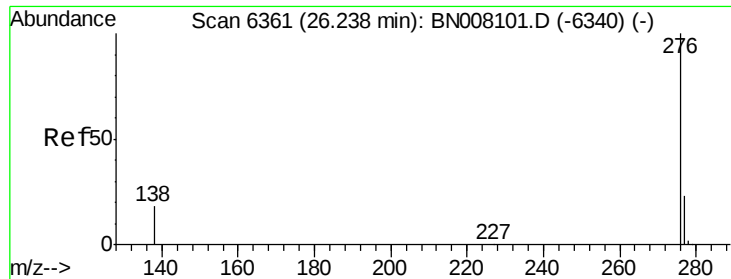


#25
Dibenzo(a,h)anthracene
Concen: 0.321 ng/uL
RT: 25.61 min Scan# 6174
Delta R.T. 0.01 min
Lab File: BN008102.D
Acq: 12 Oct 2019 08:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	121.9	15.0	22.6
279	89.8	22.4	33.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26
 Benzo(a,h,i)perylene
 Concen: 1.591 ng/ul
 RT: 26.29 min Scan# 6375
 Delta R.T. 0.03 min
 Lab File: BN008102.D
 Acq: 12 Oct 2019 08:11

Instrument :
 BNA_N
 ClientSampleId :
 JLM92

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.8	17.0	25.4#
277	34.5	20.4	30.6#

Manual Integrations
 APPROVED

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 10/15/2019 7:58:13 AM

