

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011753.D
 Acq On : 09 Sep 2020 01:32
 Operator : CG/JU
 Sample : L3843-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Manual Integrations
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 9/9/2020 3:46:34 PM

Quant Time: Sep 09 07:33:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 07:05:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2174	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8489	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	5070	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	10595m	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	9325	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	9473	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4524	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	9069	0.33	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	1540	0.061	ng/ul#	89
7) Acenaphthylene	14.09	152	1554	0.064	ng/ul#	92
9) Fluorene	15.43	166	584	0.026	ng/ul#	92
12) Phenanthrene	17.16	178	3624	0.102	ng/ul	97
13) Anthracene	17.25	178	4435m	0.140	ng/ul	
15) Fluoranthene	19.18	202	31447	0.794	ng/ul	99
17) Pyrene	19.54	202	48475	1.171	ng/ul	98
18) Benzo(a)anthracene	21.29	228	20763	0.573	ng/ul	99
19) Chrysene	21.34	228	33248	0.821	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	31053m	0.699	ng/ul	
22) Benzo(k)fluoranthene	22.92	252	14240m	0.313	ng/ul	
23) Benzo(a)pyrene	23.46	252	20518	0.535	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.81	276	10293	0.204	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.82	278	3152	0.077	ng/ul#	78
26) Benzo(g,h,i)perylene	26.50	276	9876	0.224	ng/ul	96

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

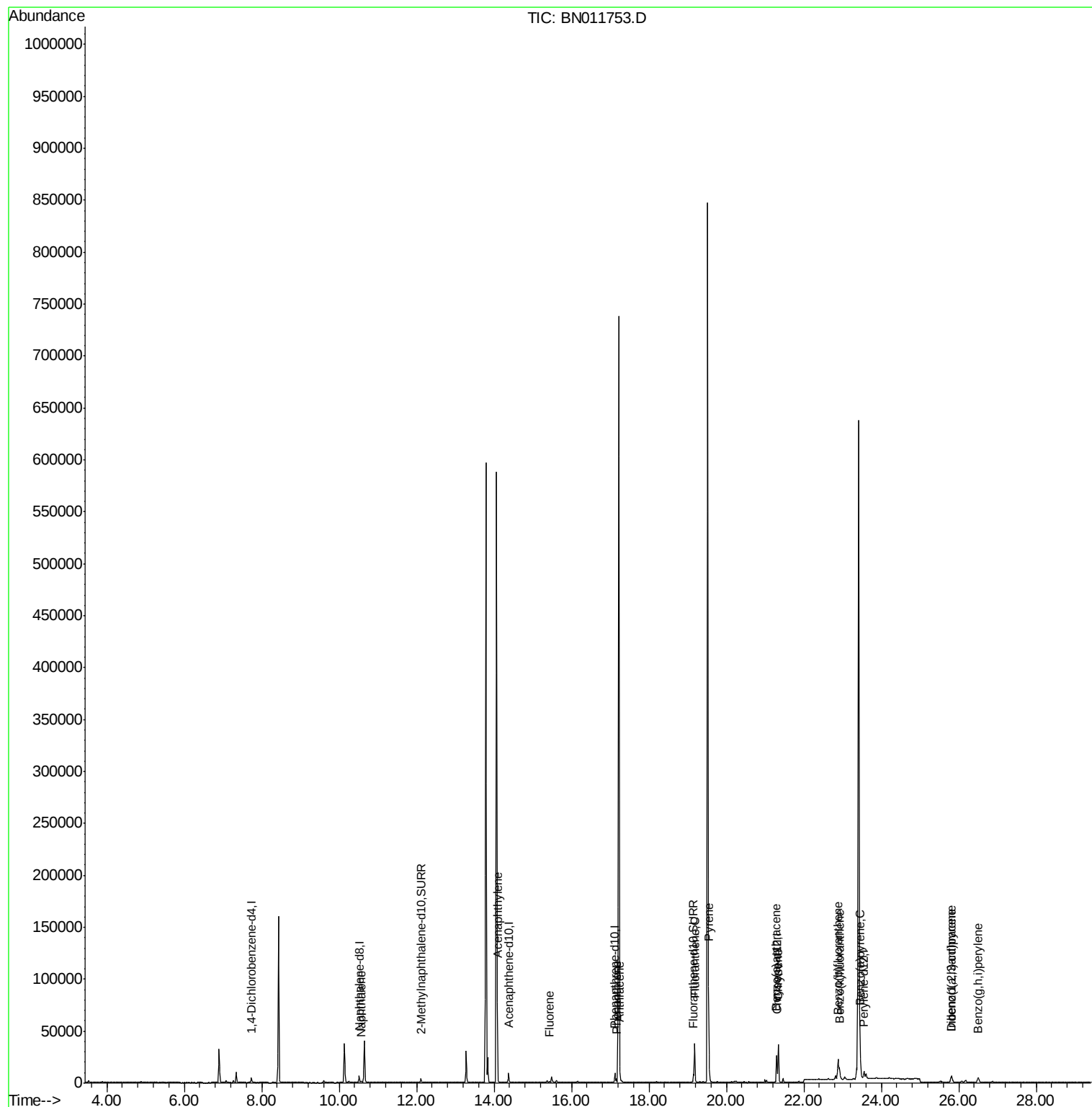
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011753.D
Acq On : 09 Sep 2020 01:32
Operator : CG/JU
Sample : L3843-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

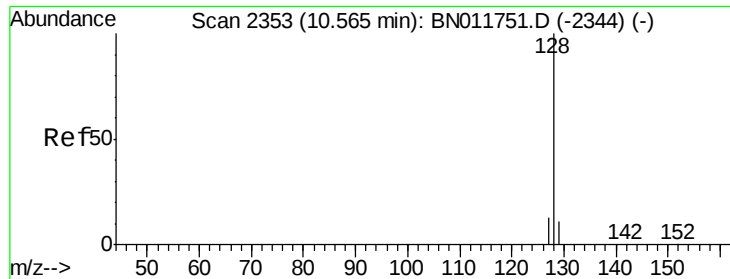
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
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QLast Update : Wed Sep 09 07:05:35 2020
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#3

Naphthalene

Concen: 0.061 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BN011753.D

Acq: 09 Sep 2020 01:32

Instrument :

BNA_N

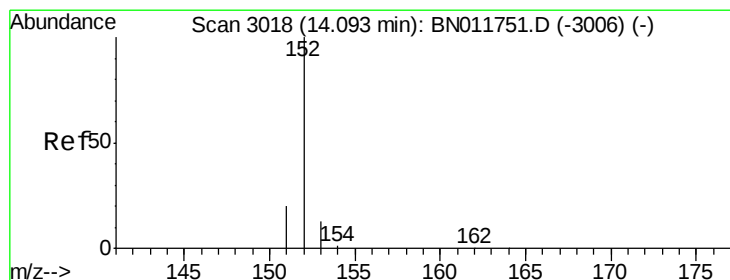
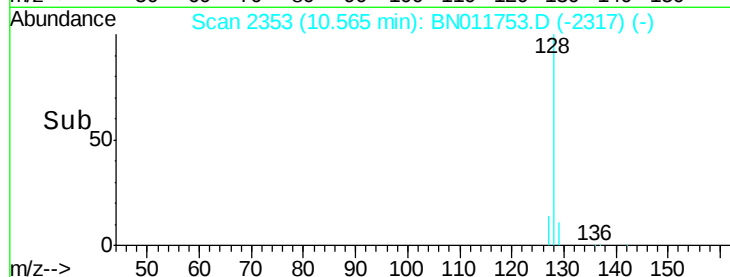
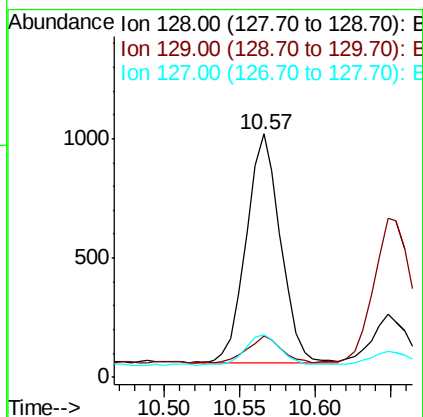
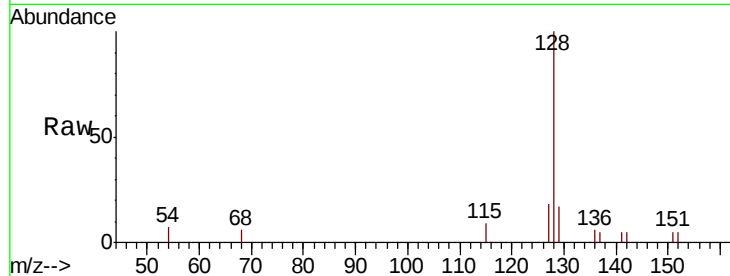
ClientSampled :

C0AC0

Tot Ion:	128	Resp:	1540
Ion Ratio	Lower	Upper	
128	100		
129	16.8	9.8	14.6#
127	17.6	11.0	16.6#

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#7

Acenaphthylene

Concen: 0.064 ng/ul

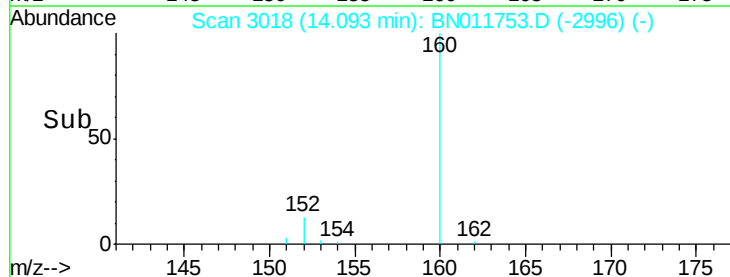
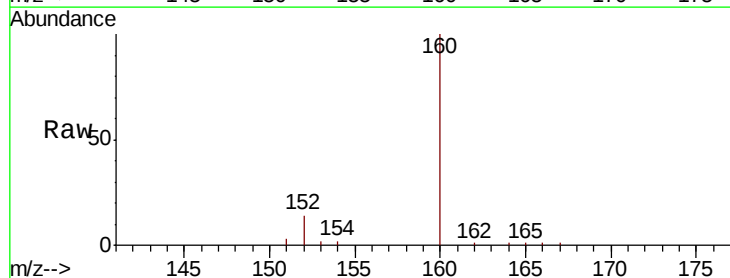
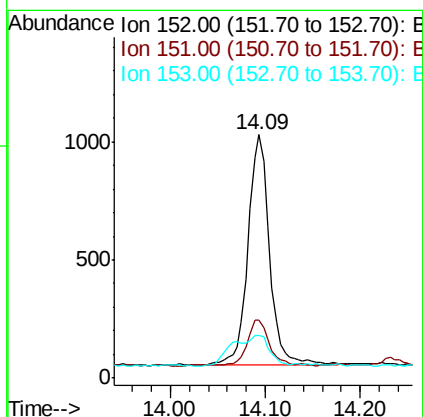
RT: 14.09 min Scan# 3018

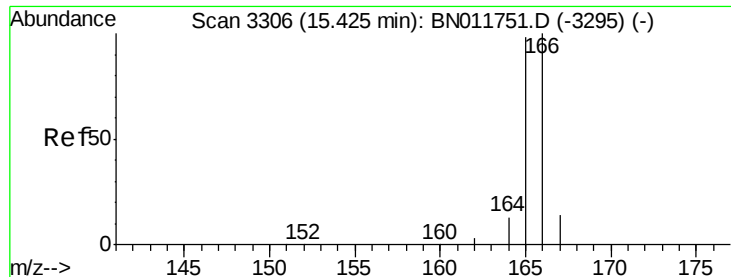
Delta R.T. 0.00 min

Lab File: BN011753.D

Acq: 09 Sep 2020 01:32

Tgt Ion:	152	Resp:	1554
Ion Ratio	Lower	Upper	
152	100		
151	23.7	16.2	24.4
153	17.4	11.4	17.0#





#9

Fluorene

Concen: 0.026 ng/ul

RT: 15.43 min Scan# 3306

Delta R.T. 0.00 min

Lab File: BN011753.D

Acq: 09 Sep 2020 01:32

Instrument :

BNA_N

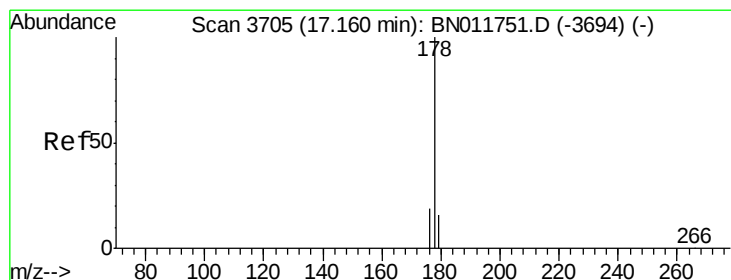
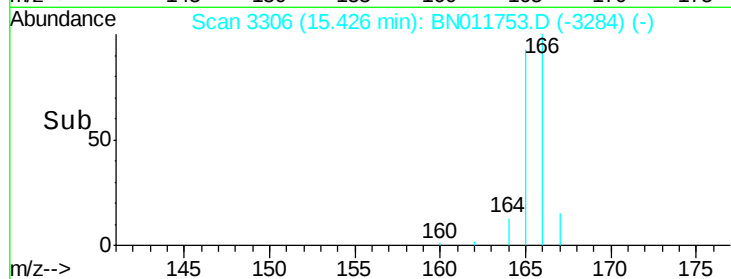
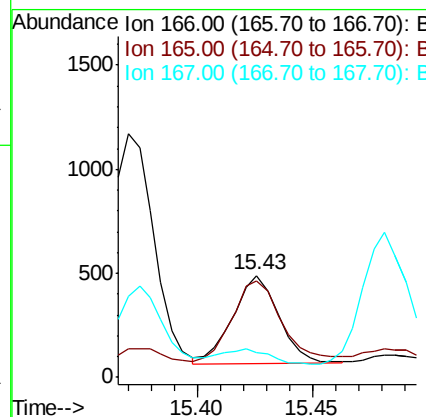
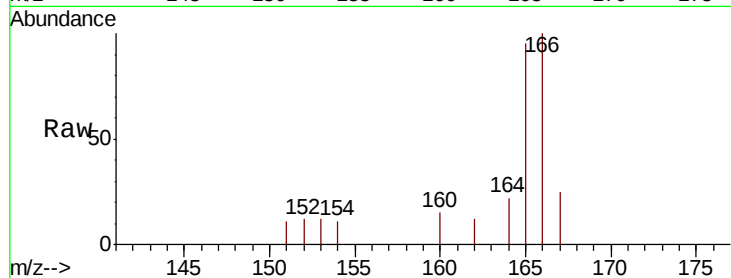
ClientSampled :

C0AC0

Tot Ion:	166	Resp:	584
Ion	Ratio	Lower	Upper
166	100		
165	94.9	80.2	120.2
167	24.9	11.8	17.6#

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#12

Phenanthrene

Concen: 0.102 ng/ul

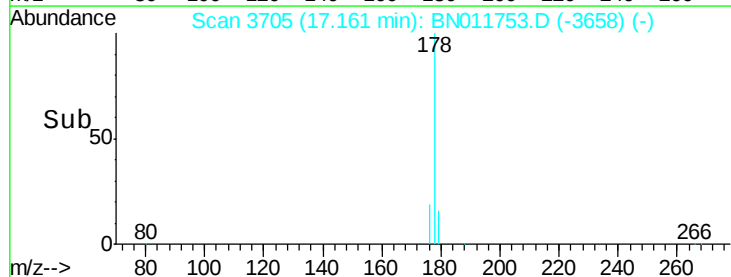
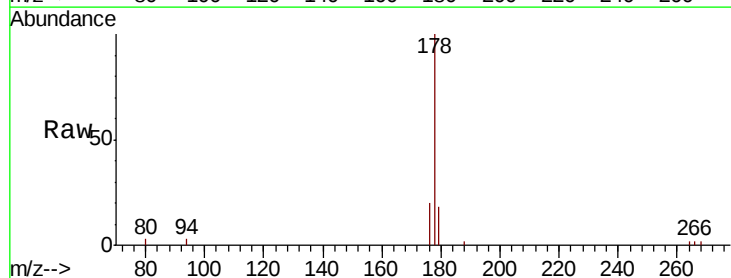
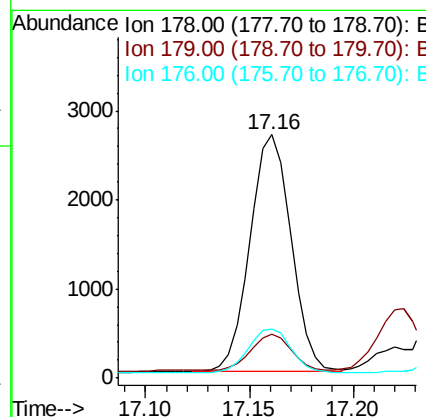
RT: 17.16 min Scan# 3705

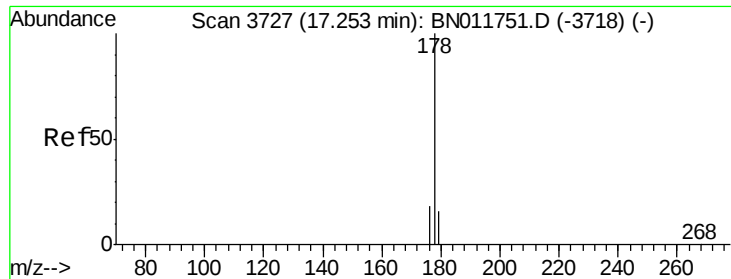
Delta R.T. 0.00 min

Lab File: BN011753.D

Acq: 09 Sep 2020 01:32

Tgt Ion:	178	Resp:	3624
Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.6	19.0
176	20.4	16.0	24.0





#13

Anthracene

Concen: 0.140 ng/ul m

RT: 17.25 min Scan# 3727

Delta R.T. 0.00 min

Lab File: BN011753.D

Acq: 09 Sep 2020 01:32

Instrument :

BNA_N

ClientSampleId :

C0AC0

Tot Ion:178 Resp: 4435

Ion Ratio Lower Upper

178 100

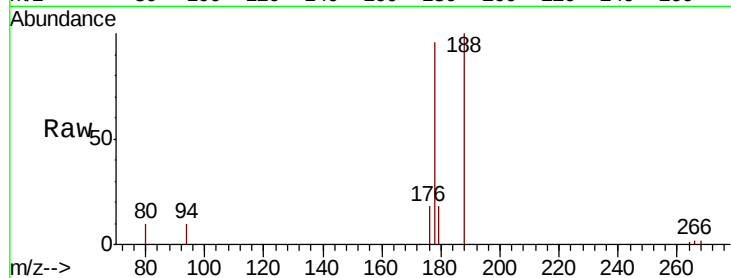
179 18.4 12.7 19.1

176 19.3 14.8 22.2

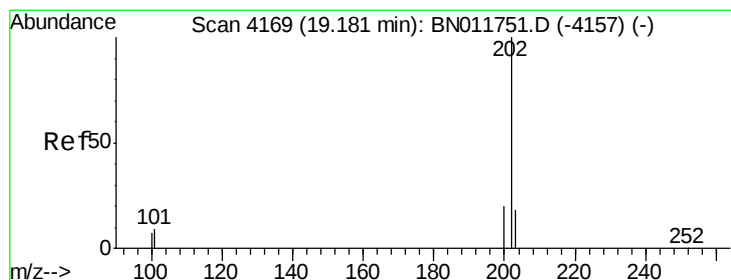
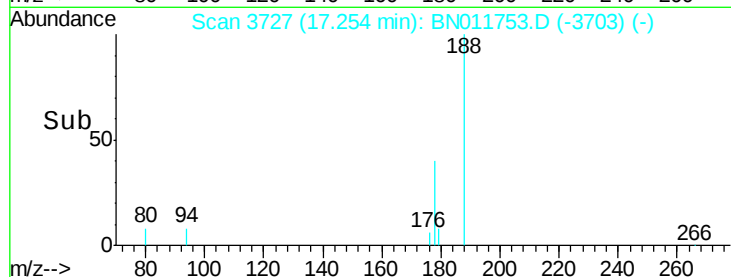
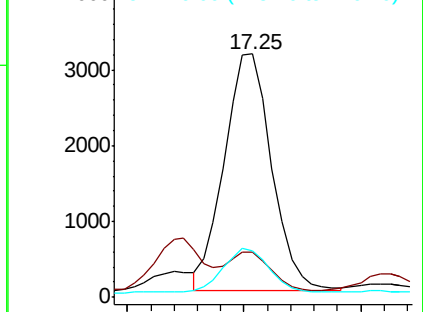
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.794 ng/ul

RT: 19.18 min Scan# 4168

Delta R.T. -0.00 min

Lab File: BN011753.D

Acq: 09 Sep 2020 01:32

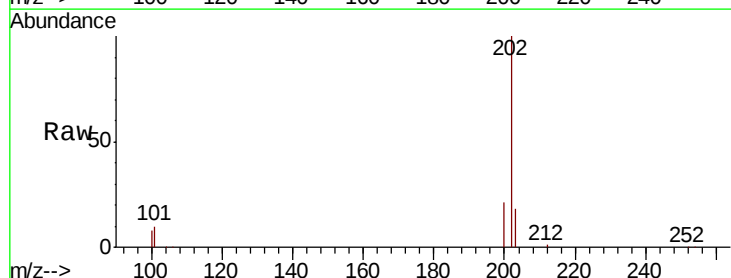
Tgt Ion:202 Resp: 31447

Ion Ratio Lower Upper

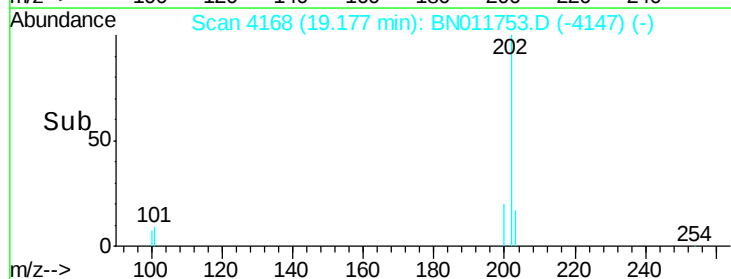
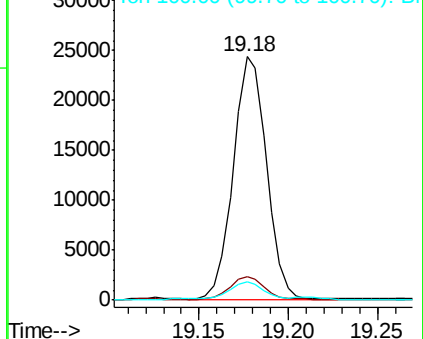
202 100

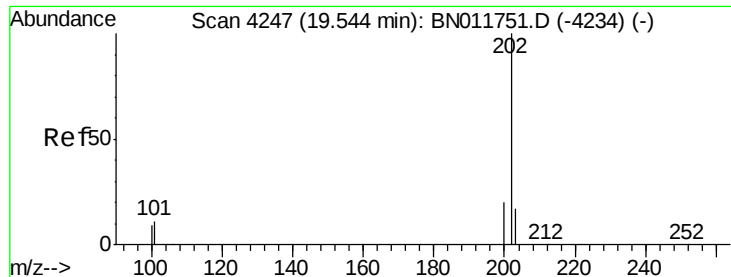
101 9.8 0.0 29.1

100 7.6 0.0 27.4



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





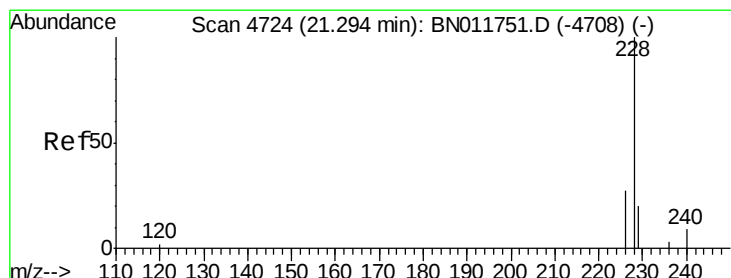
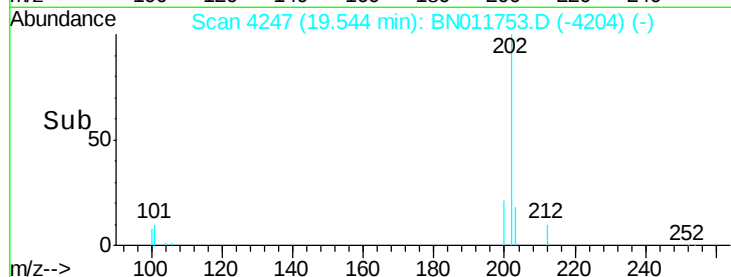
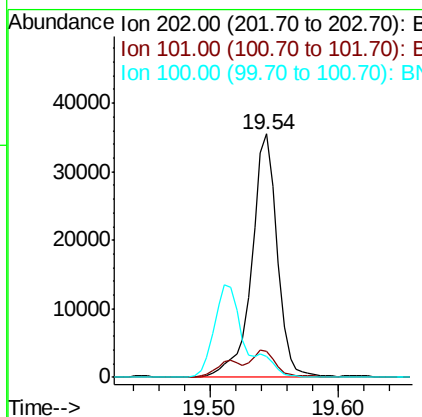
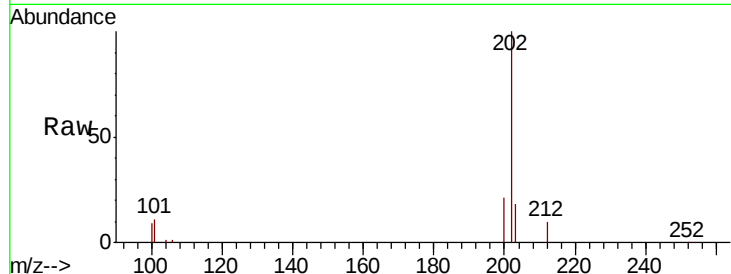
#17
Pvrene
Concen: 1.171 ng/ul
RT: 19.54 min Scan# 4247
Delta R.T. 0.00 min
Lab File: BN011753.D
Acq: 09 Sep 2020 01:32

Instrument :
BNA_N
ClientSampleId :
C0AC0

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.6	8.0	12.0
100	8.6	6.5	9.7

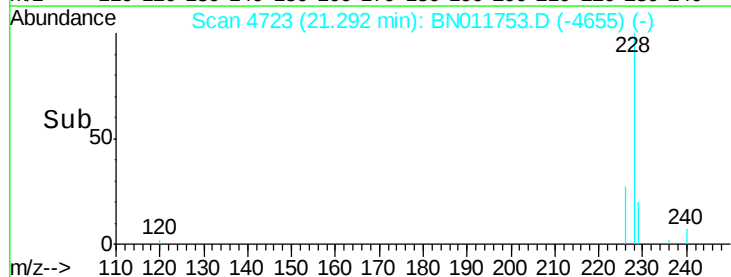
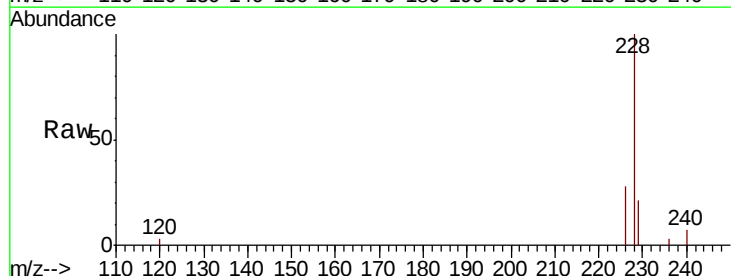
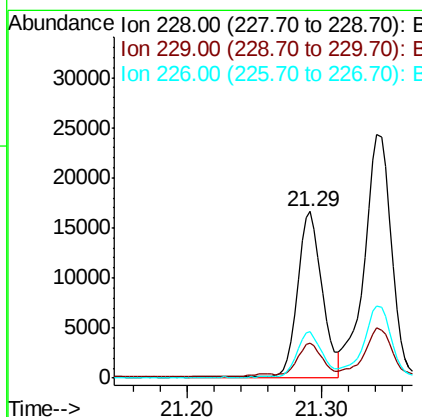
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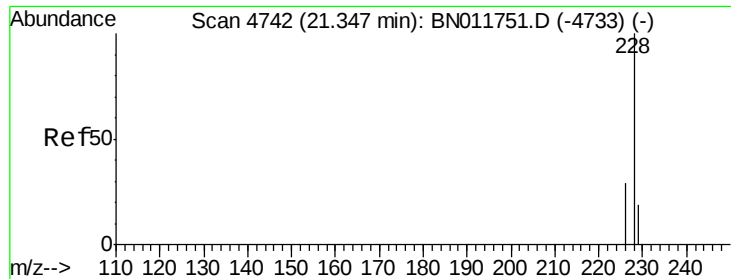
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#18
Benzo(a)anthracene
Concen: 0.573 ng/ul
RT: 21.29 min Scan# 4723
Delta R.T. -0.00 min
Lab File: BN011753.D
Acq: 09 Sep 2020 01:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.7	15.9	23.9
226	27.6	21.9	32.9





#19

Chrysene

Concen: 0.821 ng/ul

RT: 21.34 min Scan# 4740

Delta R.T. -0.01 min

Lab File: BN011753.D

Acq: 09 Sep 2020 01:32

Instrument :

BNA_N

ClientSampleId :

C0AC0

Tot Ion:228 Resp: 33248

Ion Ratio Lower Upper

228 100

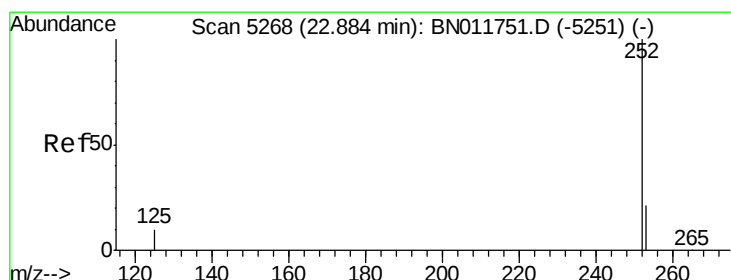
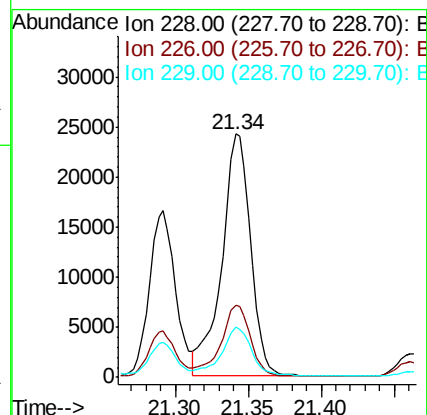
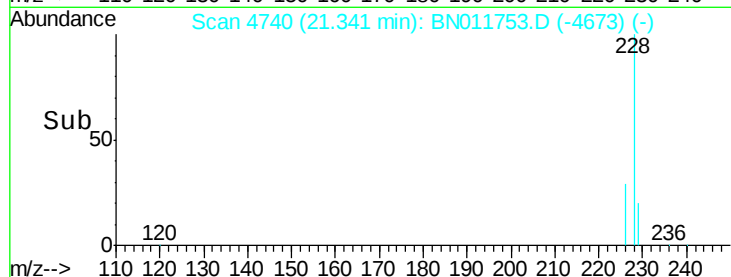
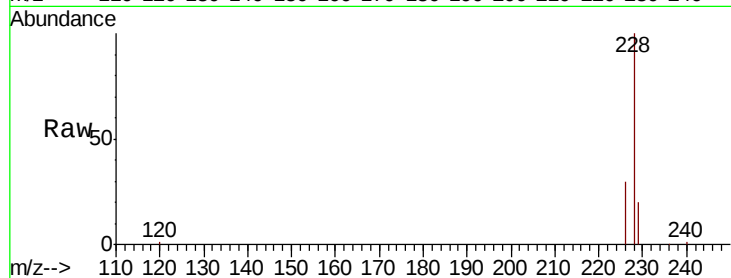
226 29.7 24.6 37.0

229 20.4 15.9 23.9

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#21

Benzo(b)fluoranthene

Concen: 0.699 ng/ul m

RT: 22.88 min Scan# 5266

Delta R.T. -0.01 min

Lab File: BN011753.D

Acq: 09 Sep 2020 01:32

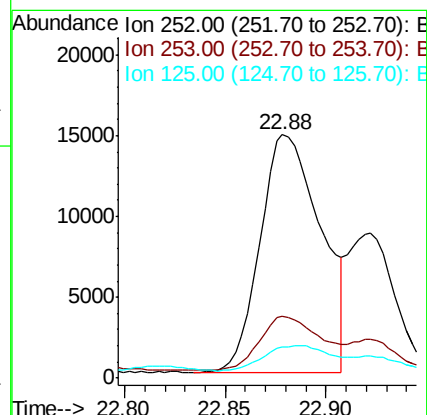
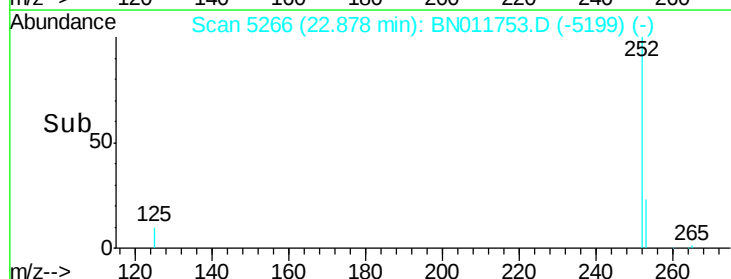
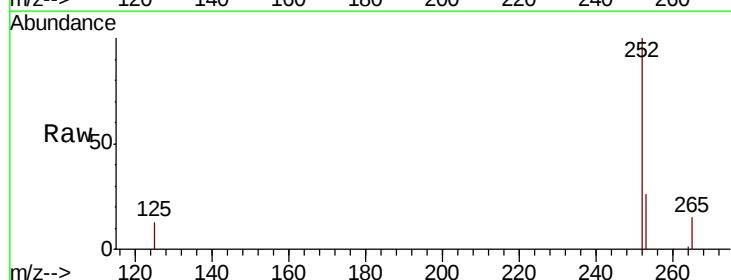
Tgt Ion:252 Resp: 31053

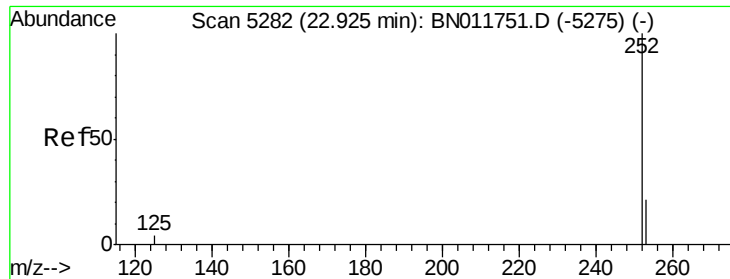
Ion Ratio Lower Upper

252 100

253 25.5 0.0 50.6

125 12.6 0.0 23.6





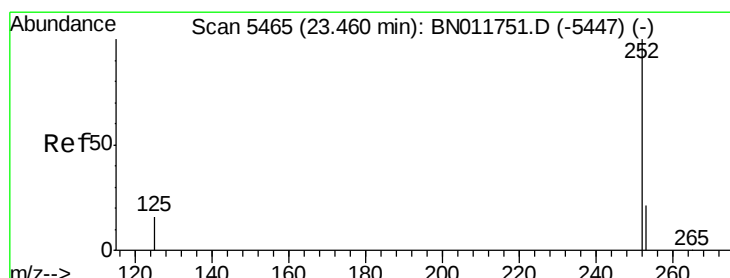
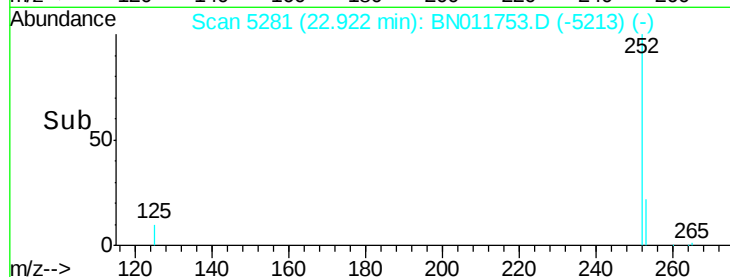
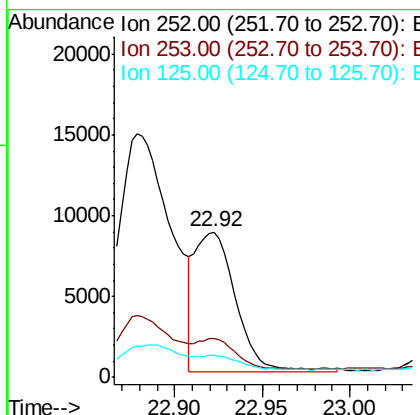
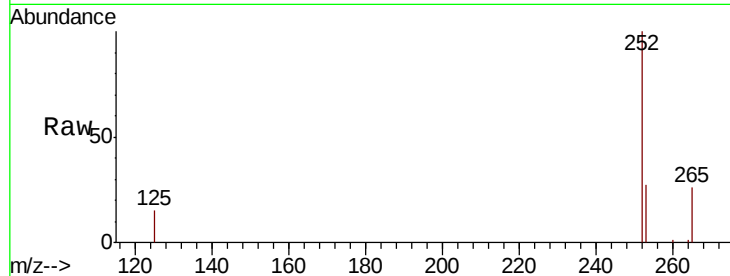
#22
Benzo(k)fluoranthene
Concen: 0.313 ng/ul m
RT: 22.92 min Scan# 5281
Delta R.T. -0.00 min
Lab File: BN011753.D
Acq: 09 Sep 2020 01:32

Instrument :
BNA_N
ClientSampleId :
C0AC0

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	20.7	31.1
125	15.0	9.7	14.5

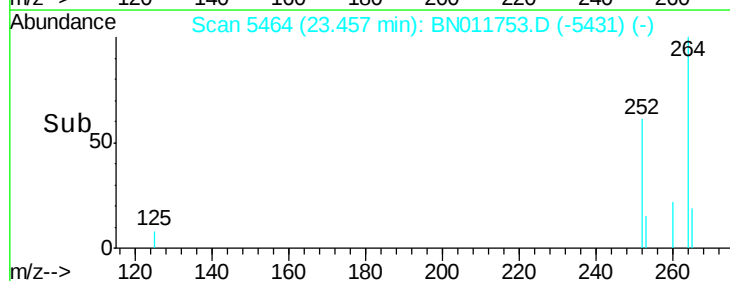
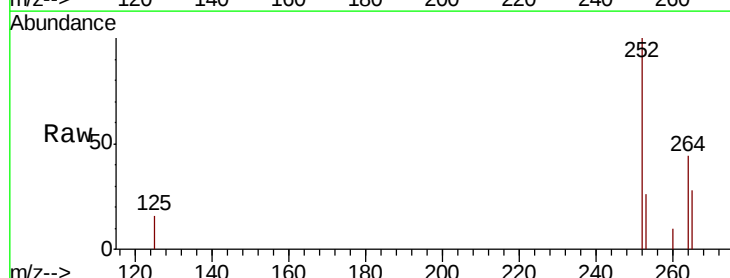
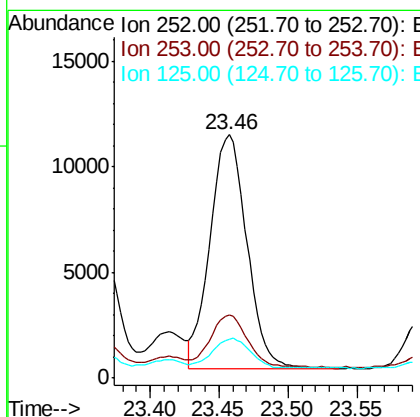
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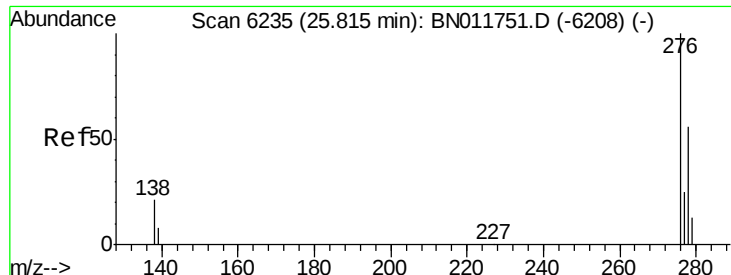
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#23
Benzo(a)pyrene
Concen: 0.535 ng/ul
RT: 23.46 min Scan# 5464
Delta R.T. -0.00 min
Lab File: BN011753.D
Acq: 09 Sep 2020 01:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.6	32.4
125	16.2	12.6	18.8





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.204 ng/uL

RT: 25.81 min Scan# 6234

Delta R.T. -0.00 min

Lab File: BN011753.D

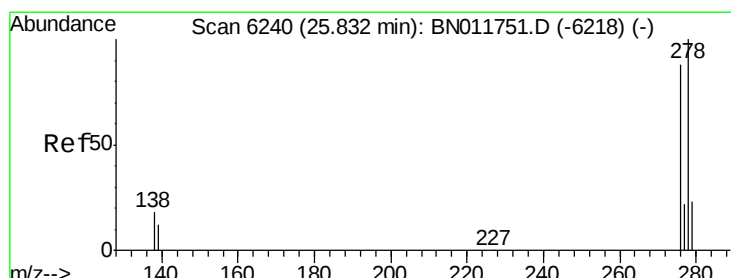
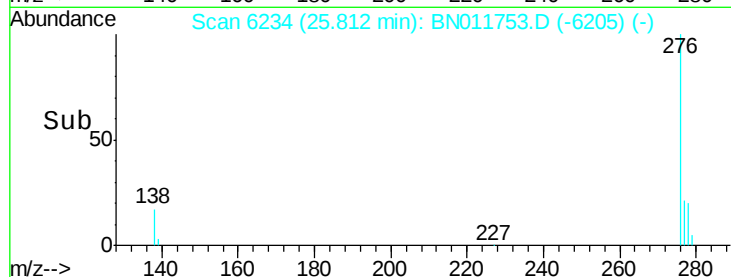
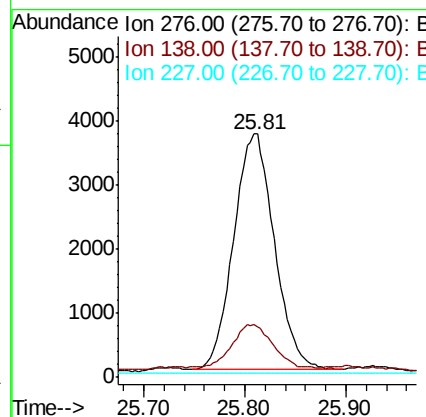
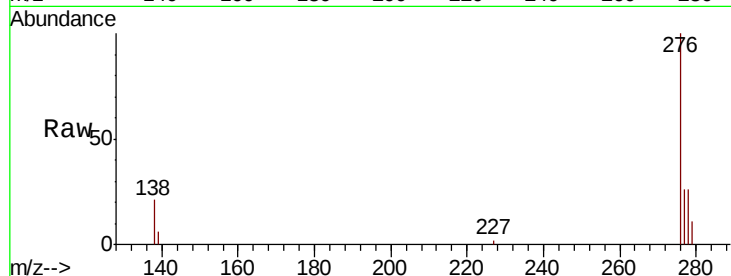
Acq: 09 Sep 2020 01:32

Instrument :
BNA_N
ClientSampleId :
C0AC0

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	17.9	0.0	0.0#
227	0.1	0.1	0.1#

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#25

Dibenzo(a,h)anthracene

Concen: 0.077 ng/uL

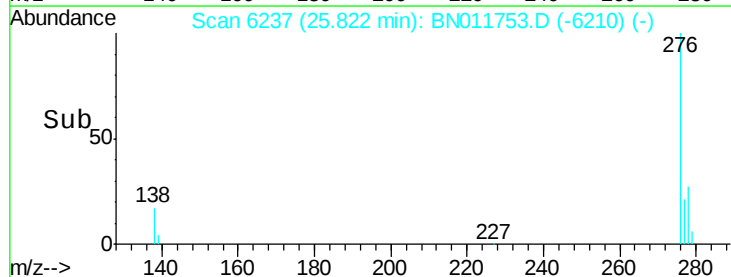
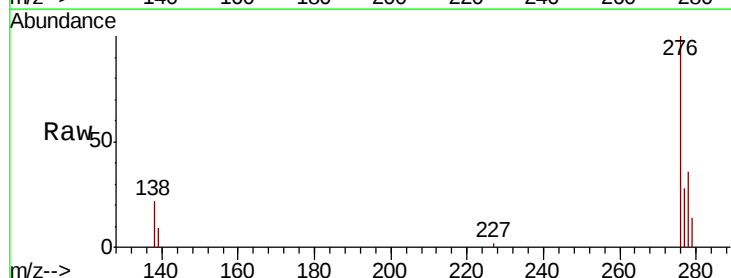
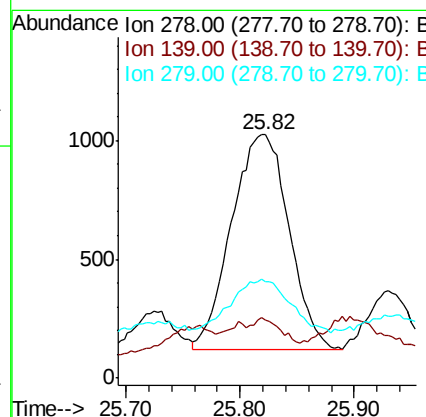
RT: 25.82 min Scan# 6237

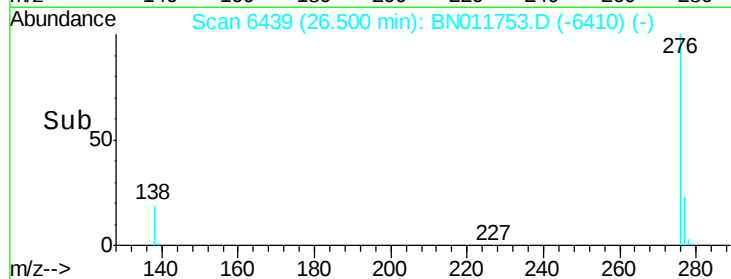
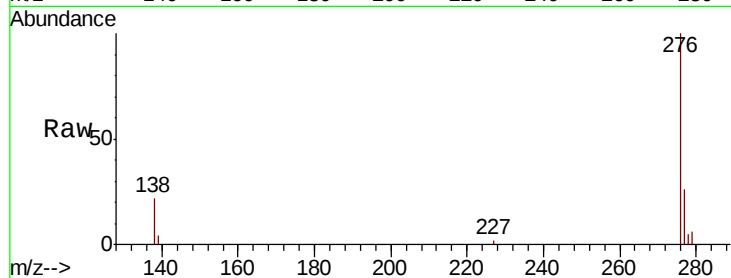
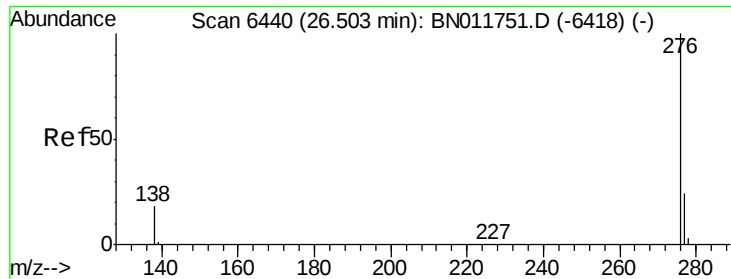
Delta R.T. -0.01 min

Lab File: BN011753.D

Acq: 09 Sep 2020 01:32

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	23.8	12.4	18.6#
279	39.4	21.8	32.6#





#26

Benzo(a,h,i)perylene

Concen: 0.224 ng/ul

RT: 26.50 min Scan# 6439

Delta R.T. -0.00 min

Lab File: BN011753.D

Acq: 09 Sep 2020 01:32

Tot Ion:	276	Resp:	9876
Ion Ratio	Lower	Upper	
276	100		
138	21.5	14.7	22.1
277	25.7	19.5	29.3

Instrument :

BNA_N

ClientSampleId :

C0AC0

Manual Integrations
APPROVED

Sohil
9/9/2020 3:46:34 PM

